

FIG. 1

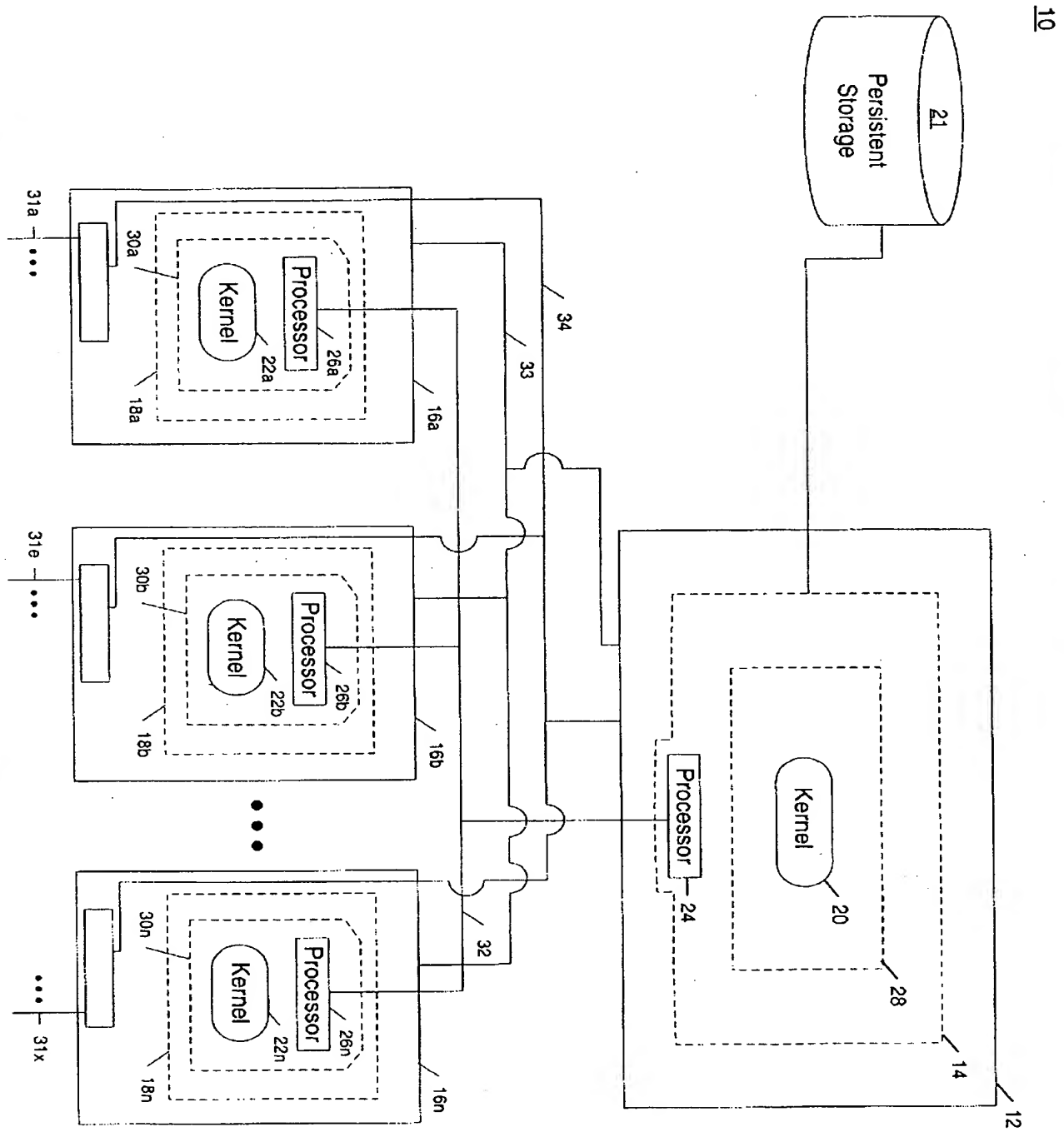


FIG. 2

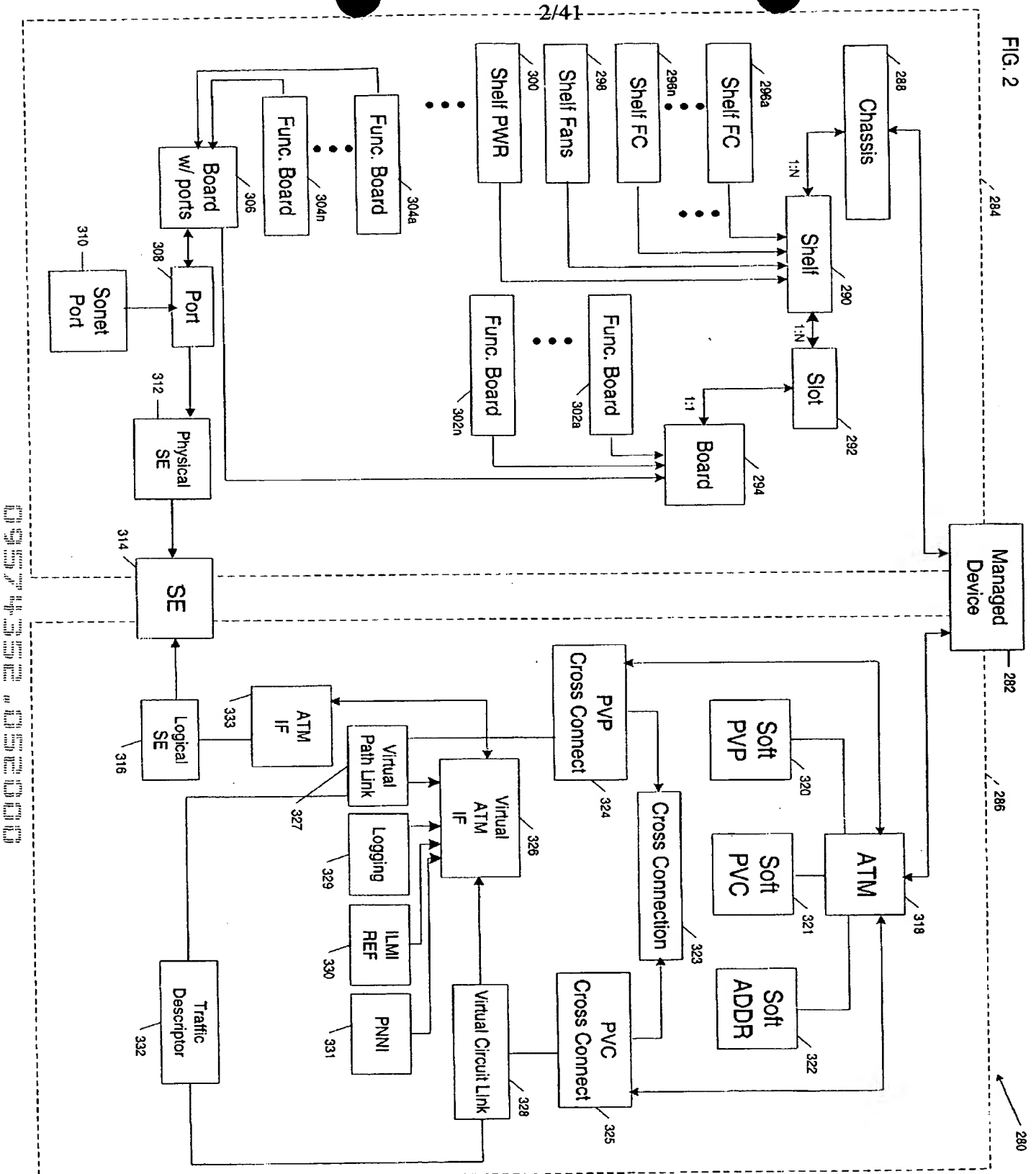
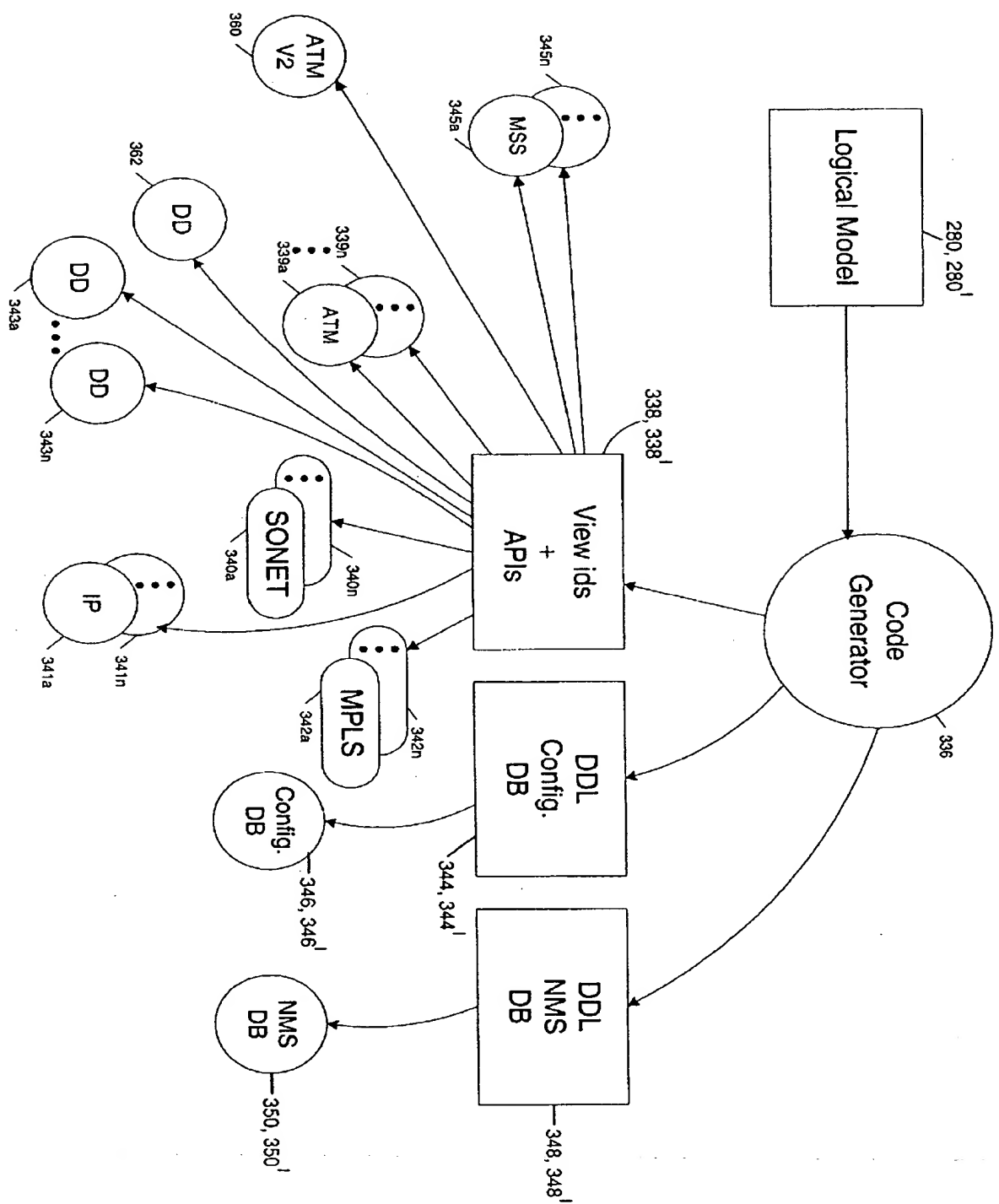


FIG. 3



US 7,436,050

FIG. 4

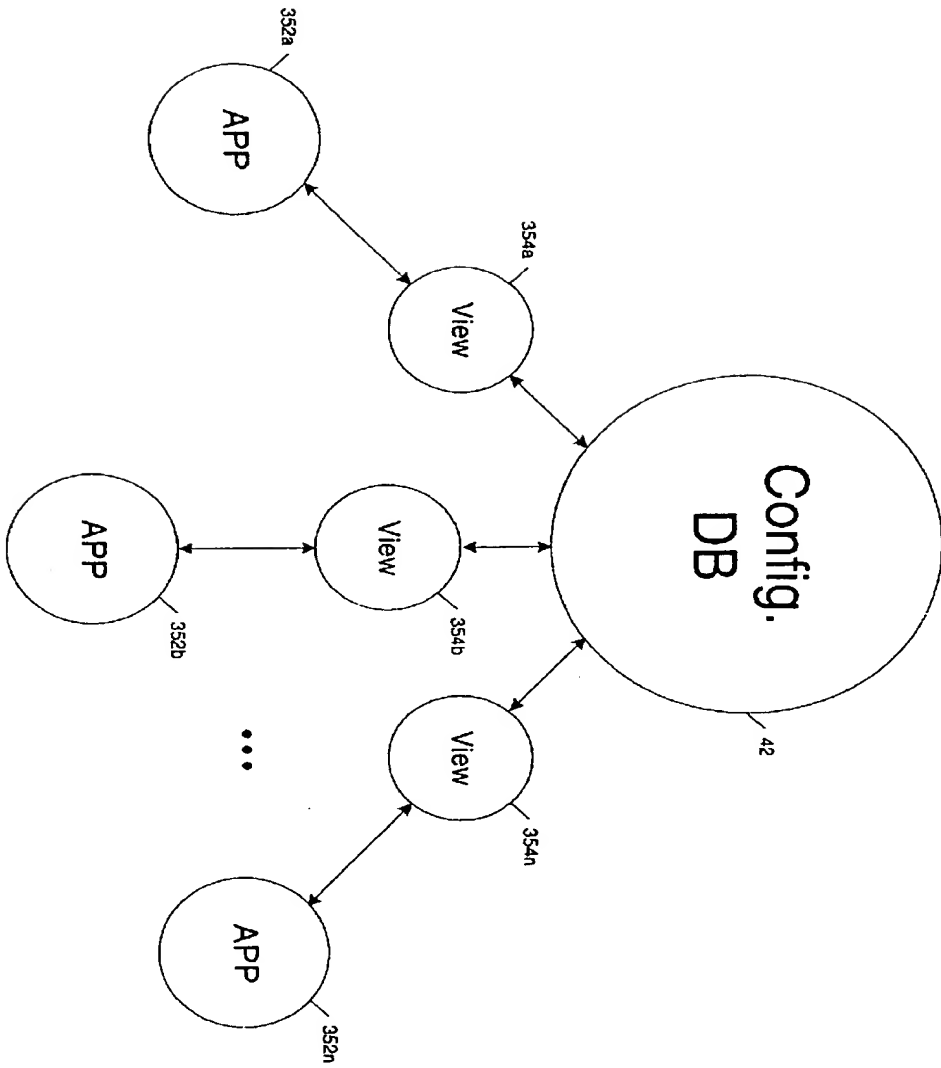
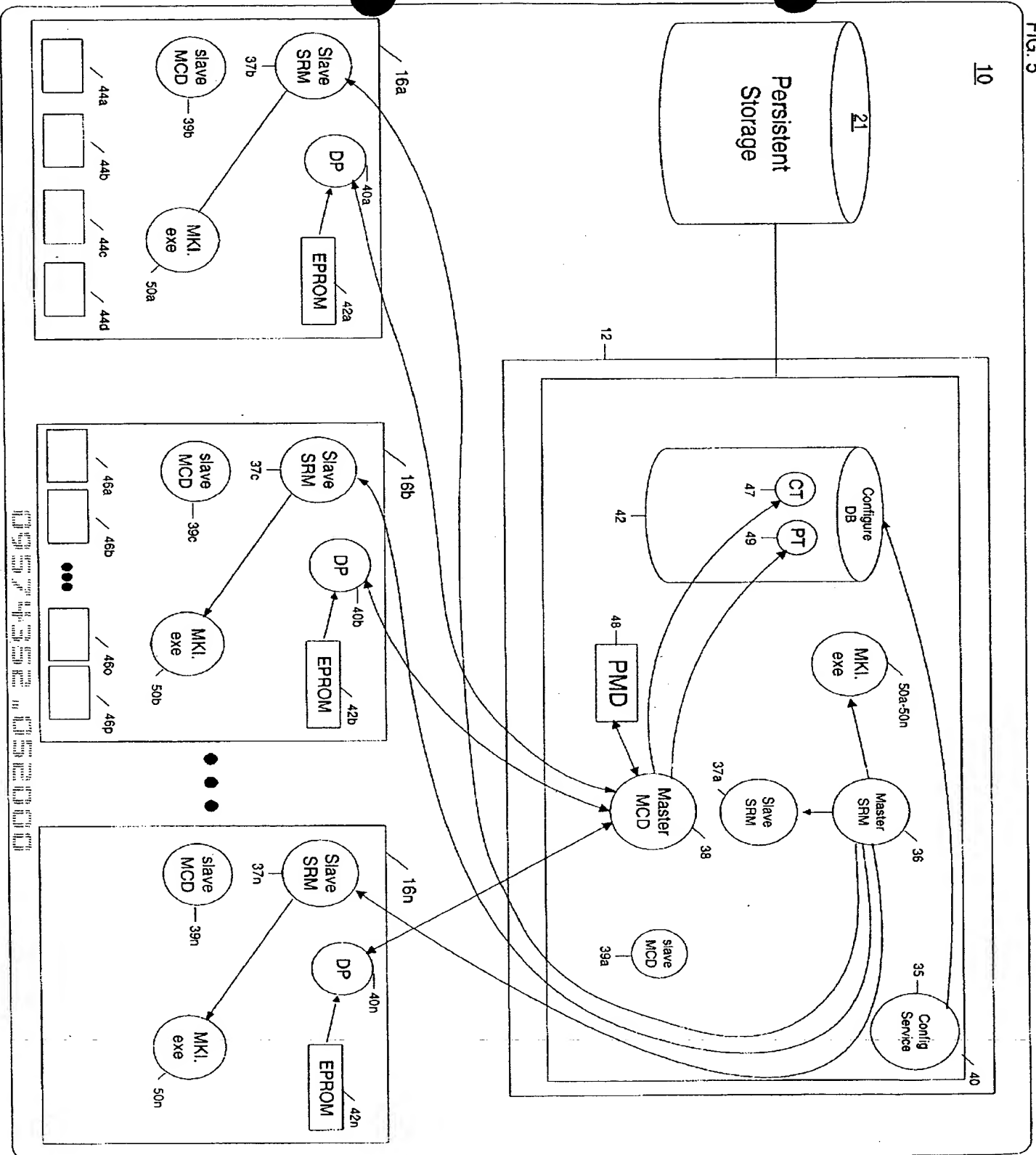


FIG. 5



CARD TABLE

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16 a — 500	0XF002	3	1	
16 b — 501	0XF002	4	2	
...	...	...	...	...
16e — 505	0X6002	1	5	
...	...	...	...	...
16 n — 513	0XF002	1	12	
...	...	...	...	...

FIG. 6

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PORT TABLE

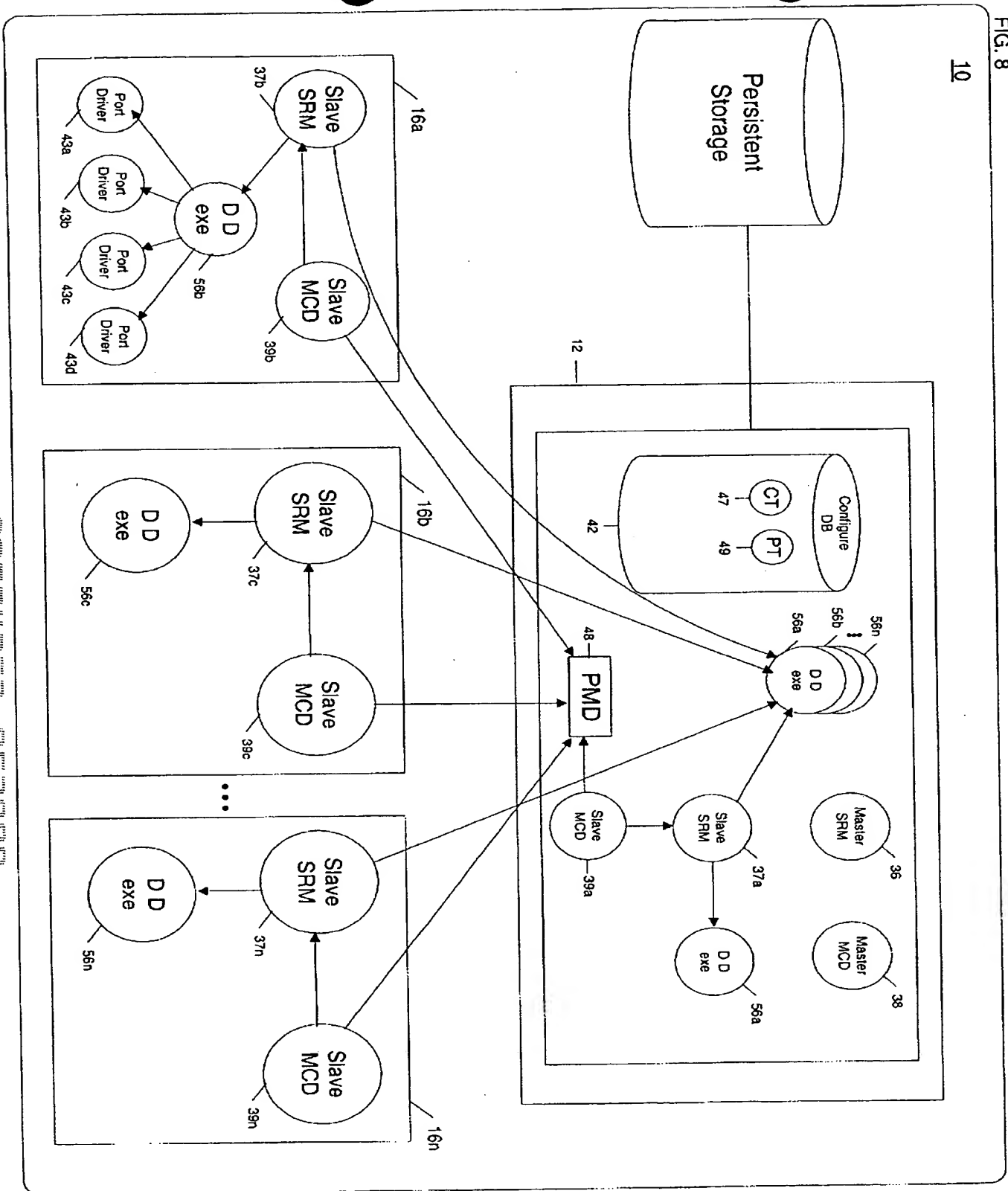
PID	PORT TYPE	VERSION NO.	SLOT NO.	...
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49

44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
46a	1504	00820			
	...	...	...	...	...
	1600	00620	1	8	
	...	...	...	...	...

FIG. 7

FIG. 8





**FIG. 9**

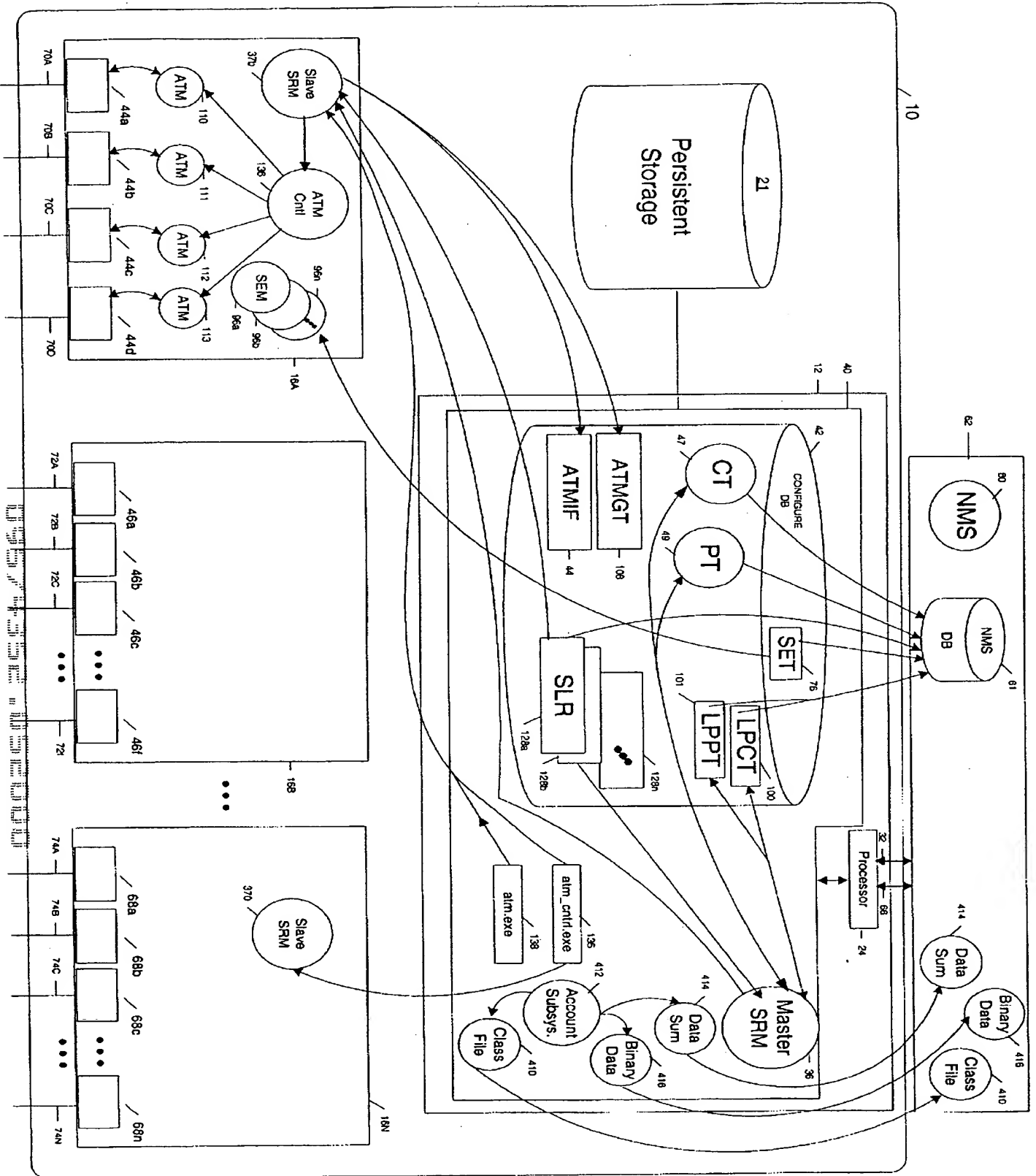


FIG. 10

Service Endpoint Table 76

	Service Endpoint #	Port PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮

FIG. 11a

Logical to Physical Card Table 100

	98 LID	102 Primary PID	104 Back-up PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮

FIG. 11b

Logical to Physical Port Table 101

	98 LID	102 Primary PID	104 Back-up PID
107	40	1500	1600
	⋮	⋮	⋮

FIG. 12

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 13

ATM Interface Table 114

ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮

FIG. 14

Software Load Record 128a

130	Control Shim	LID	132
134	atm-cntl.exe	30	

FIG. 15

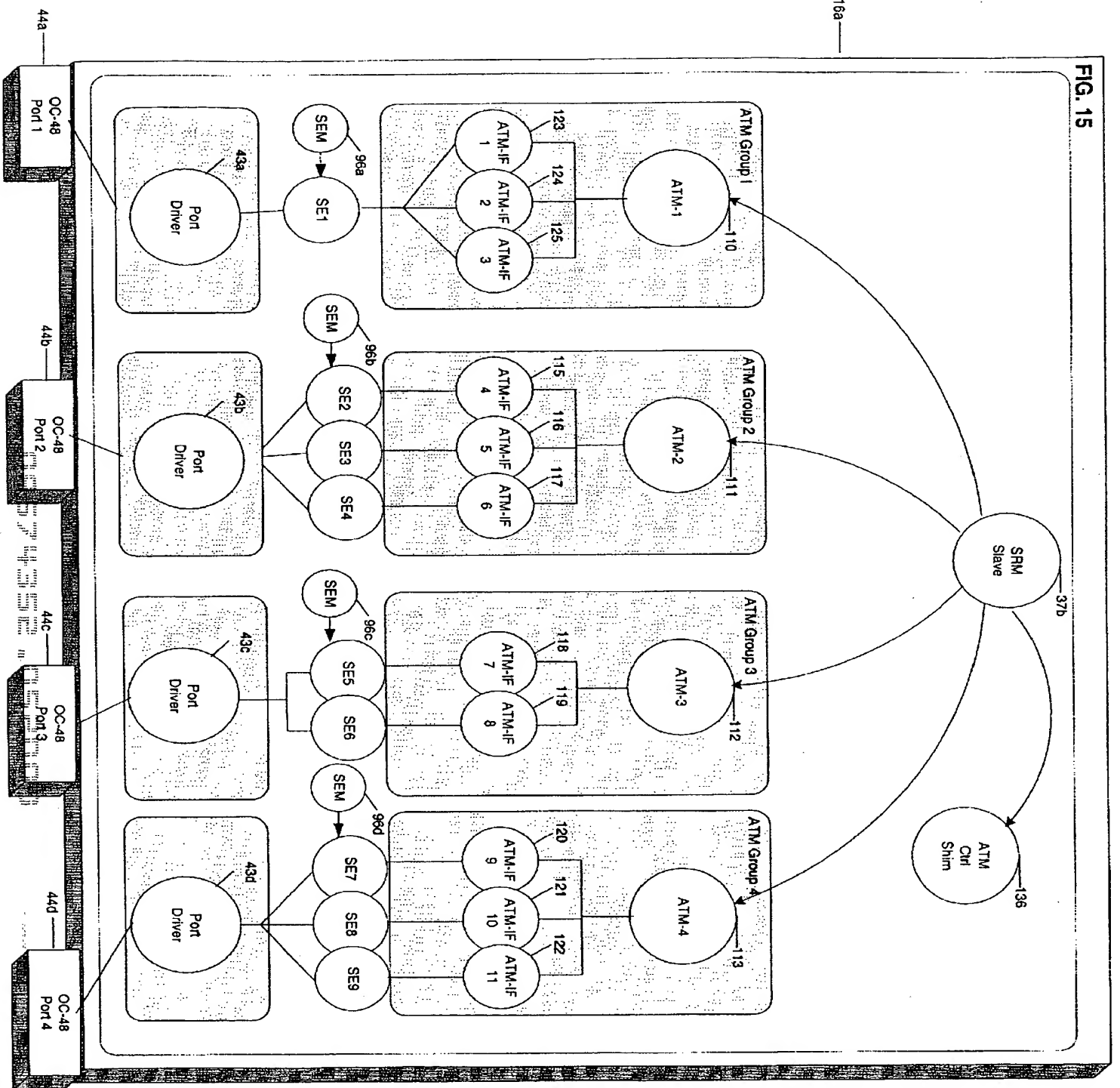


FIG. 16a

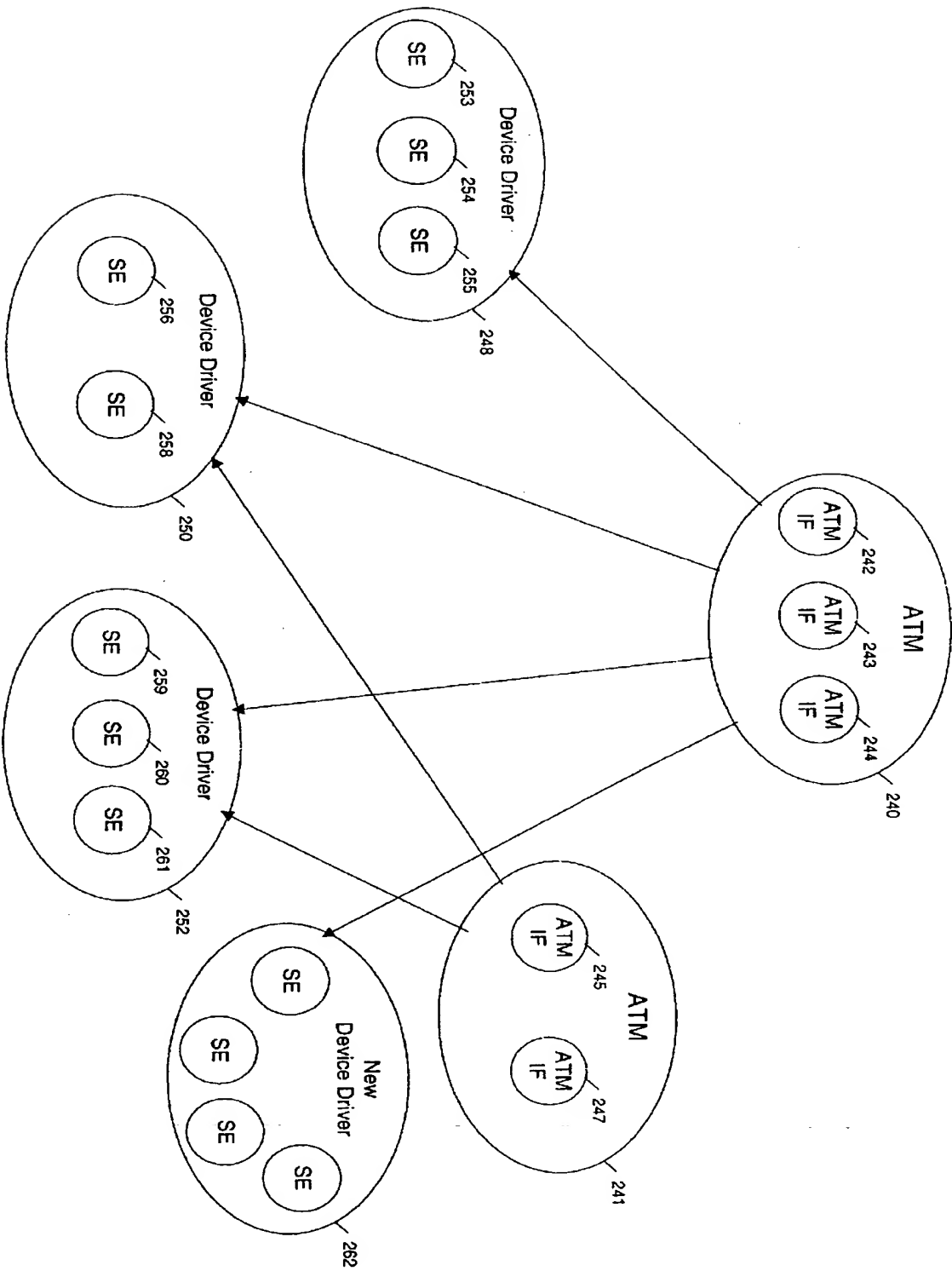


FIG. 16b

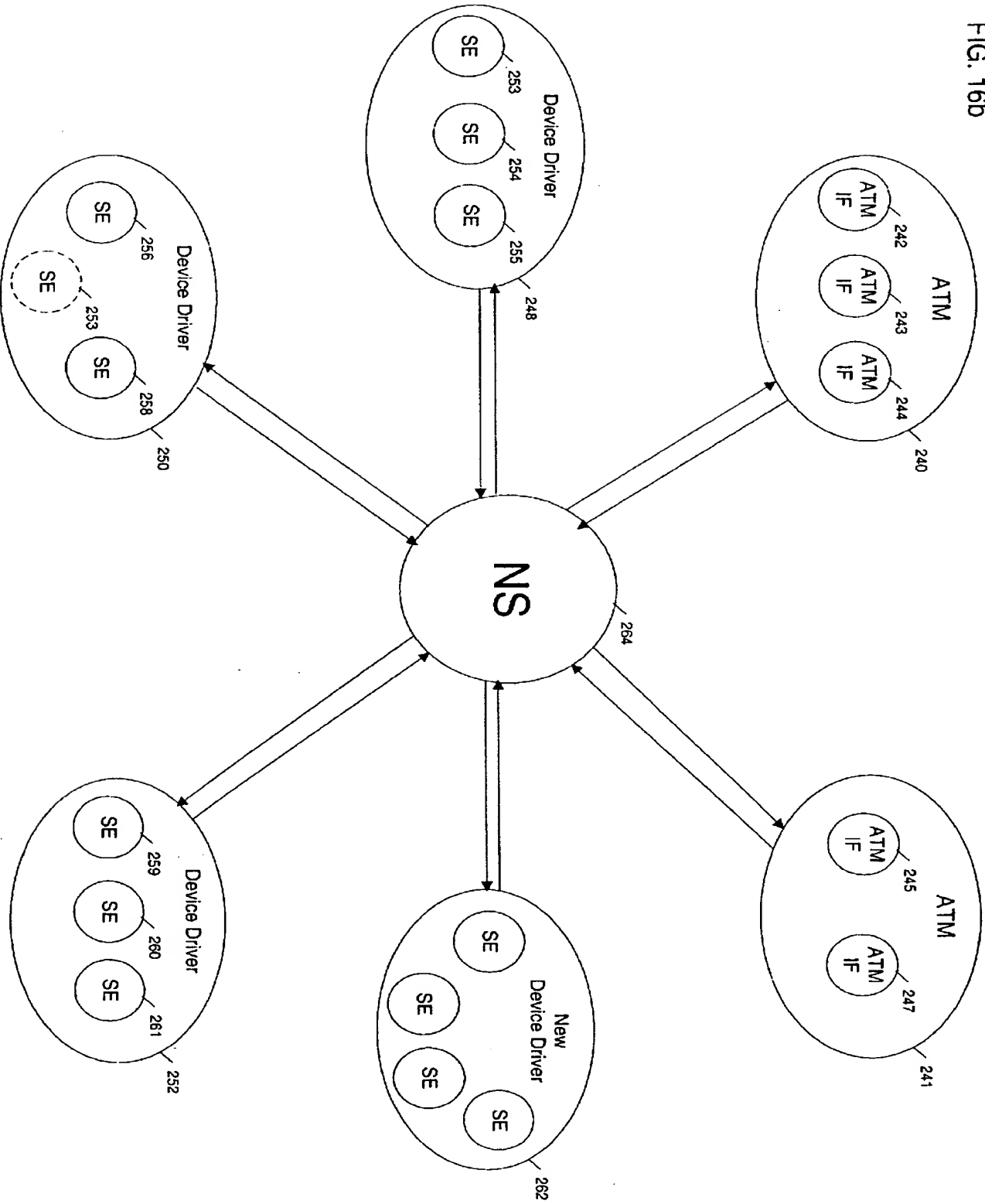
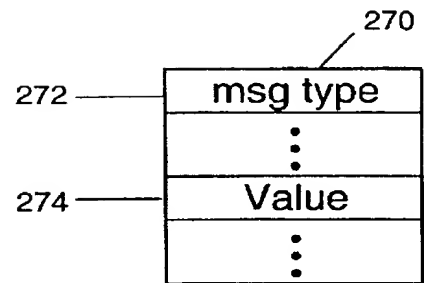




FIG. 16d





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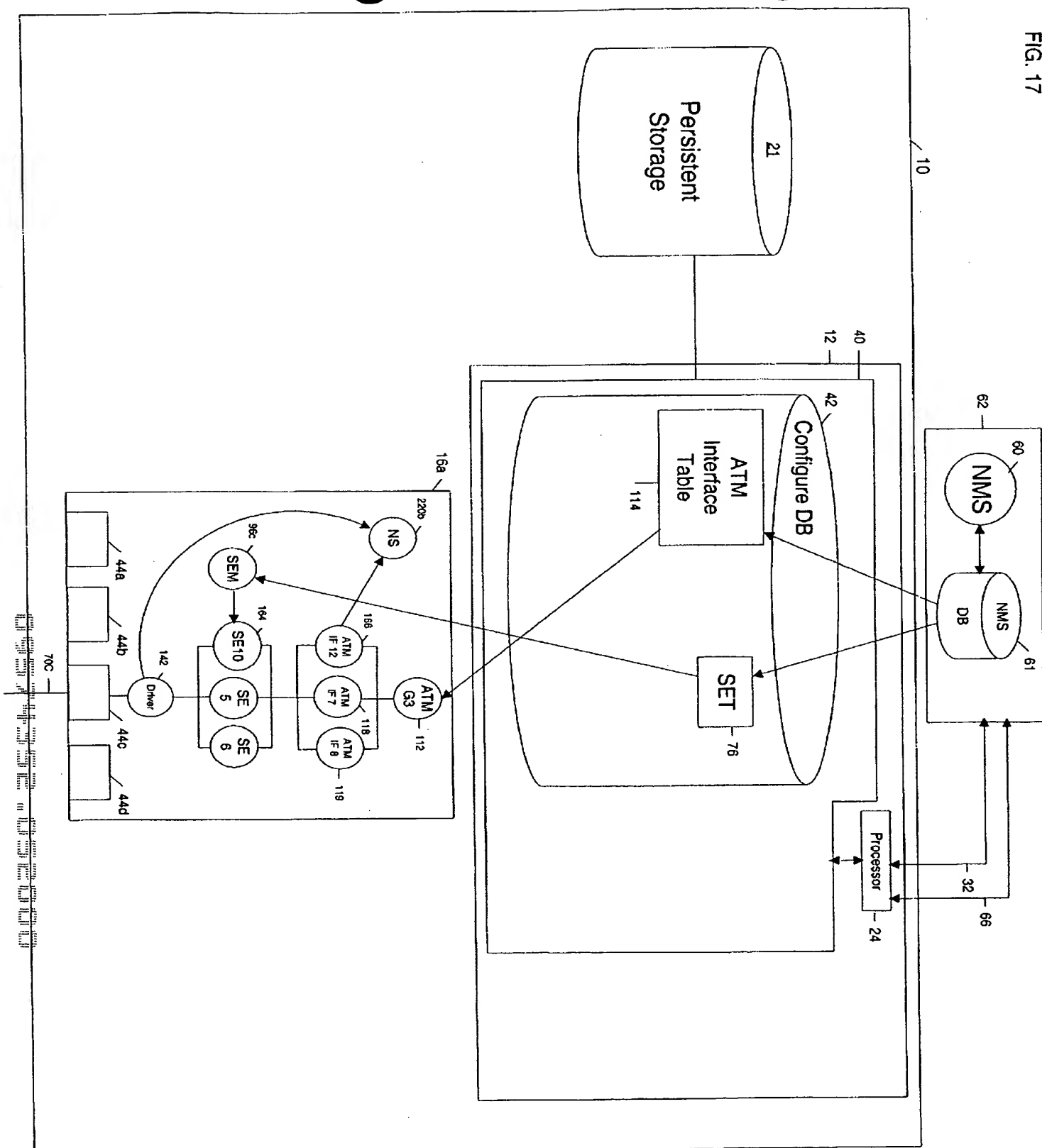


FIG. 18

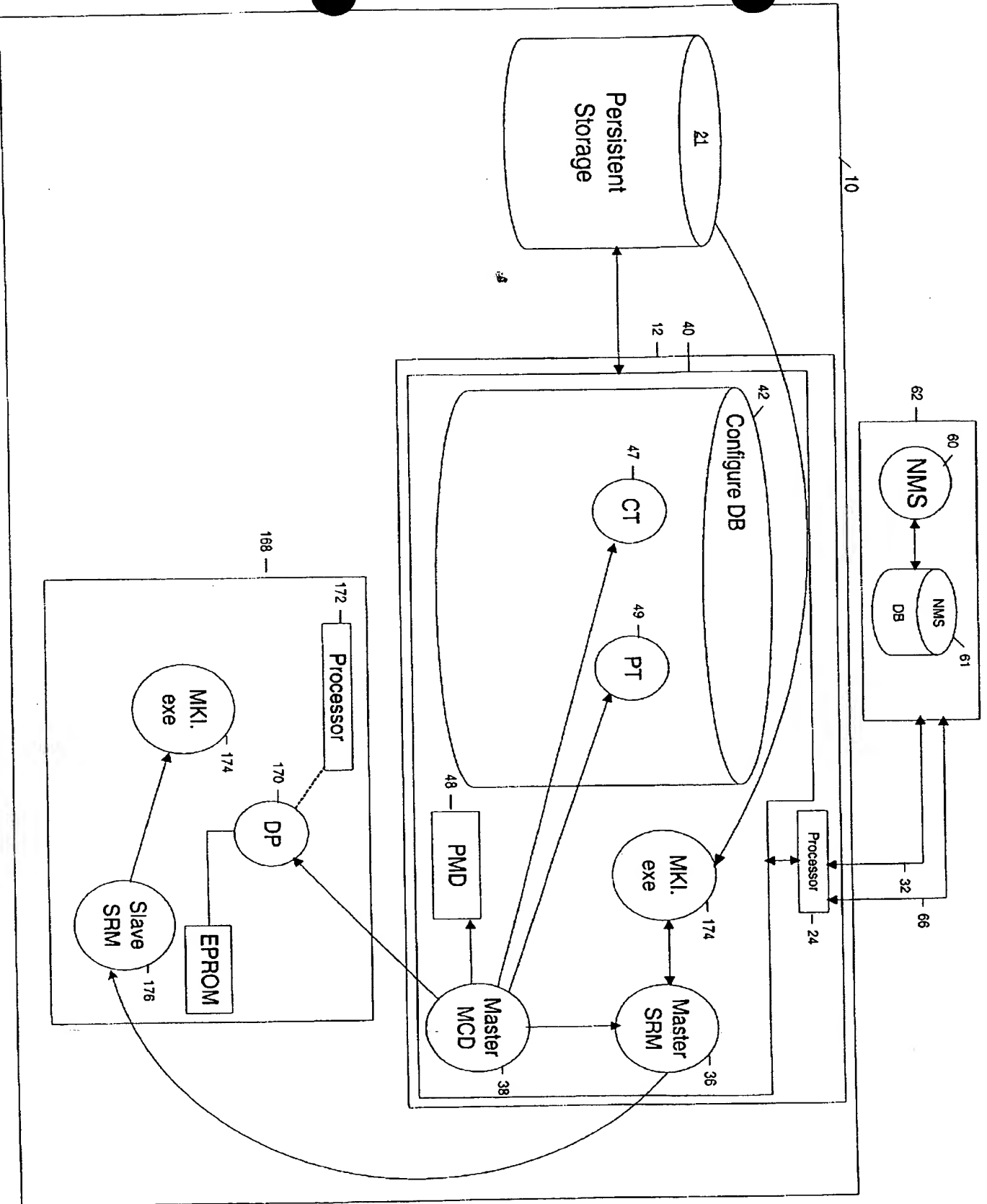


FIG. 19

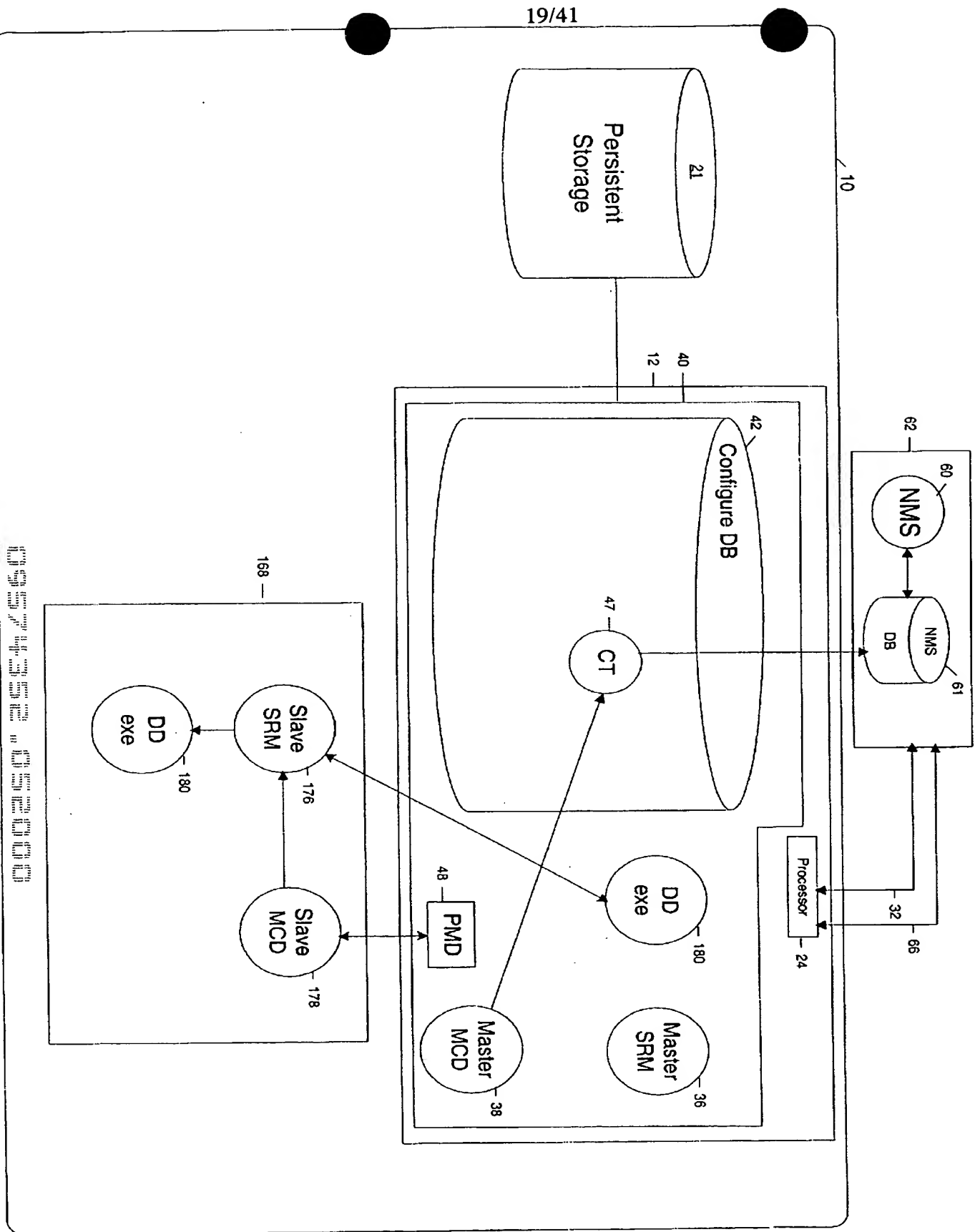




FIG. 21

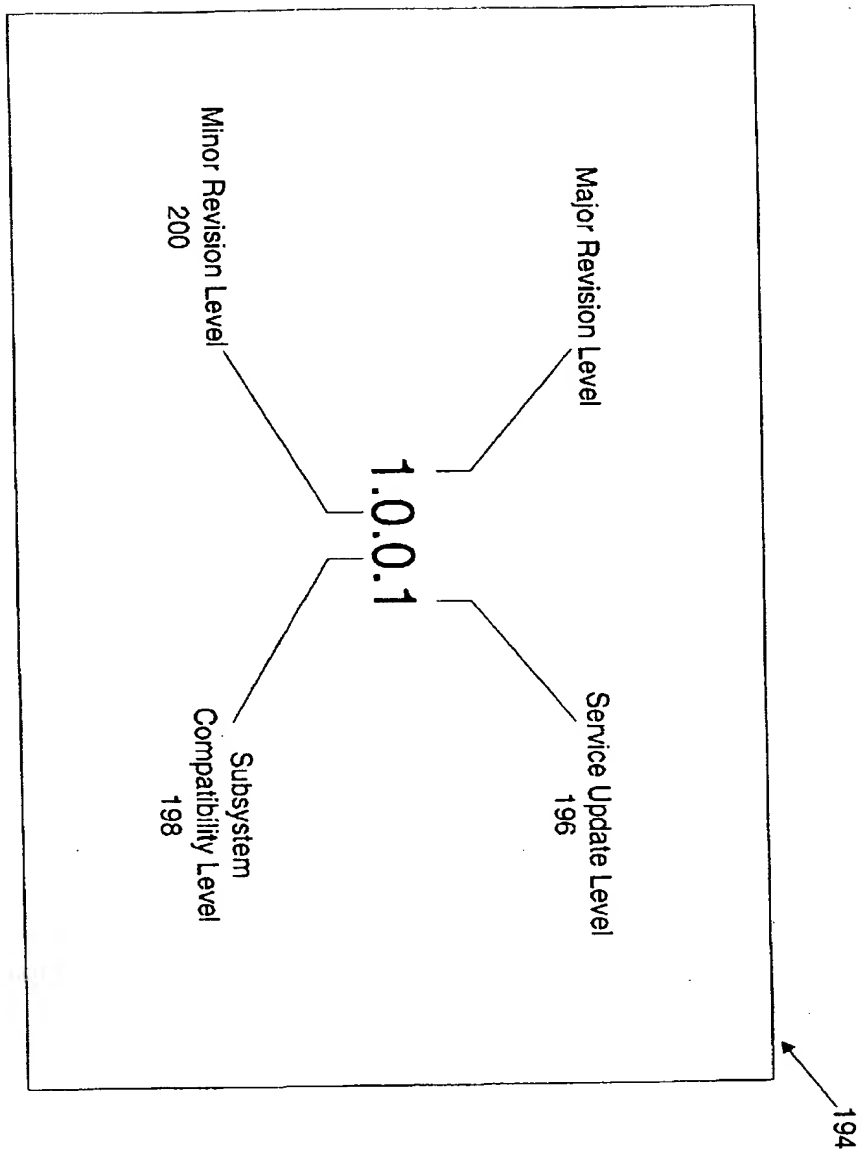


FIG. 22

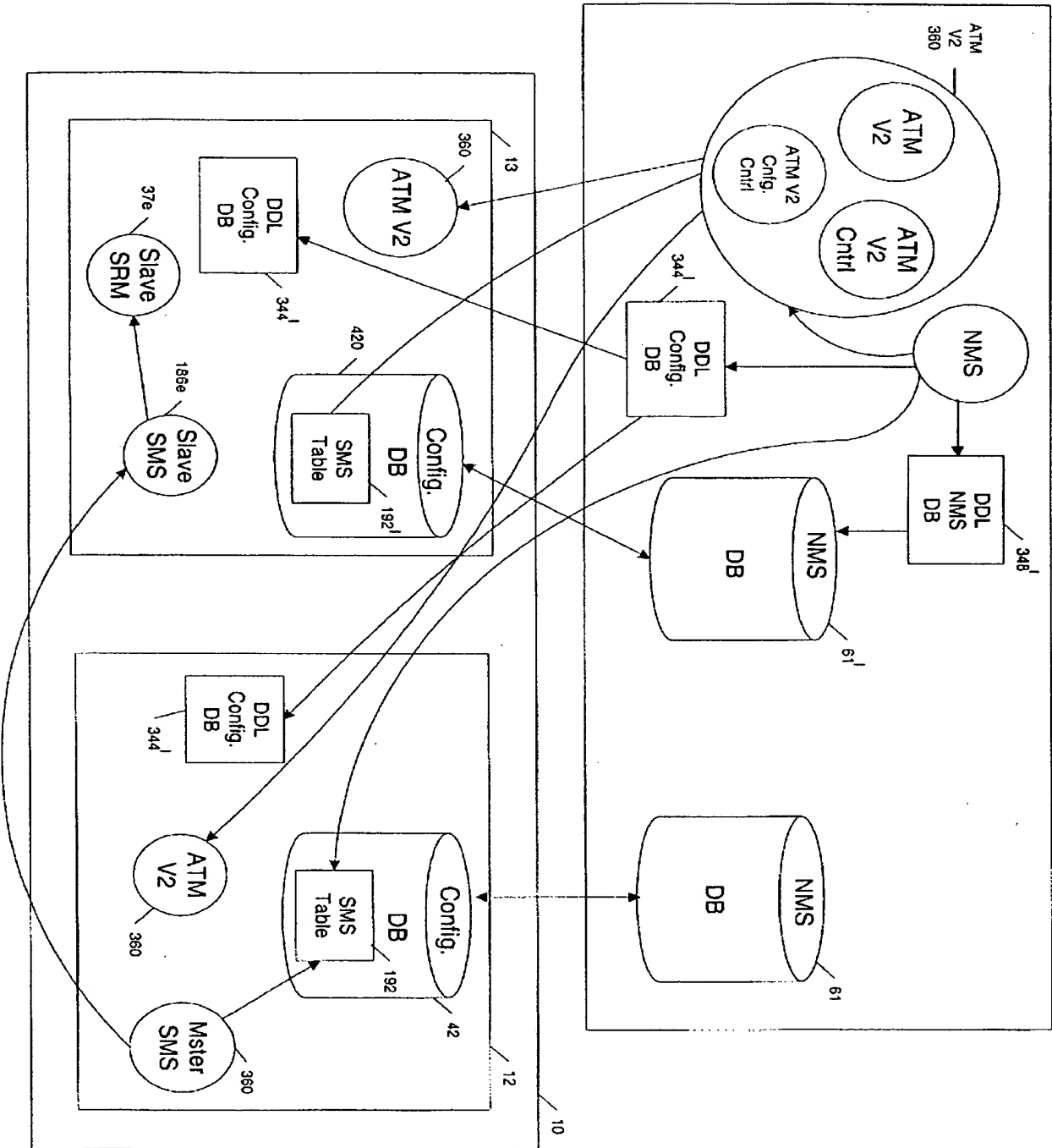


FIG. 23

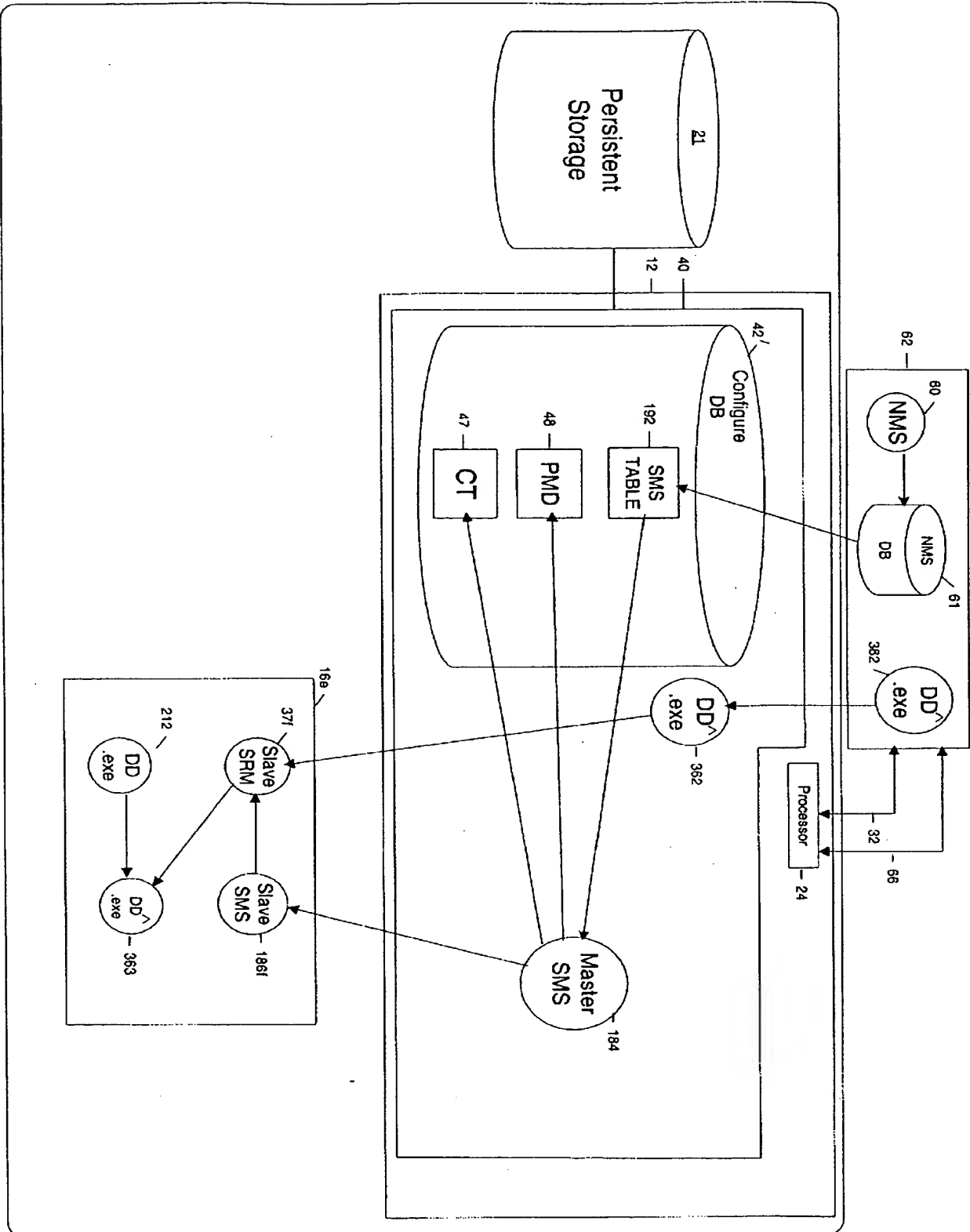


FIG. 24

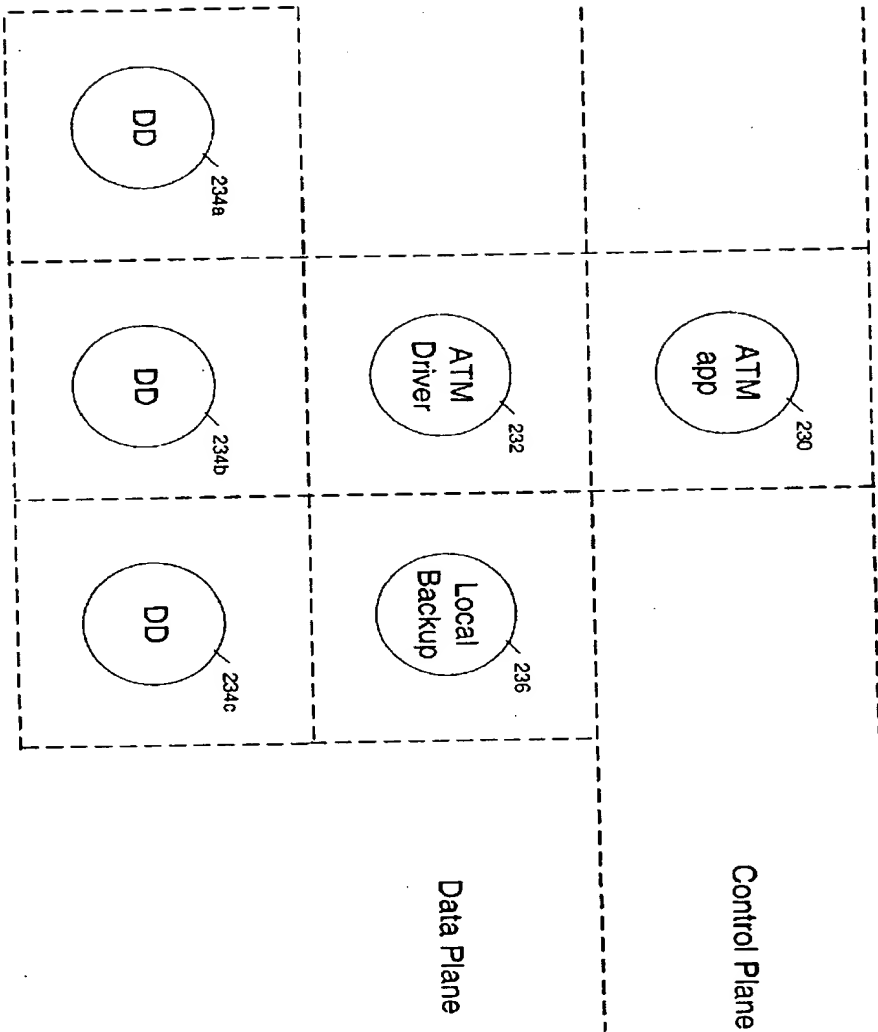




FIG. 25

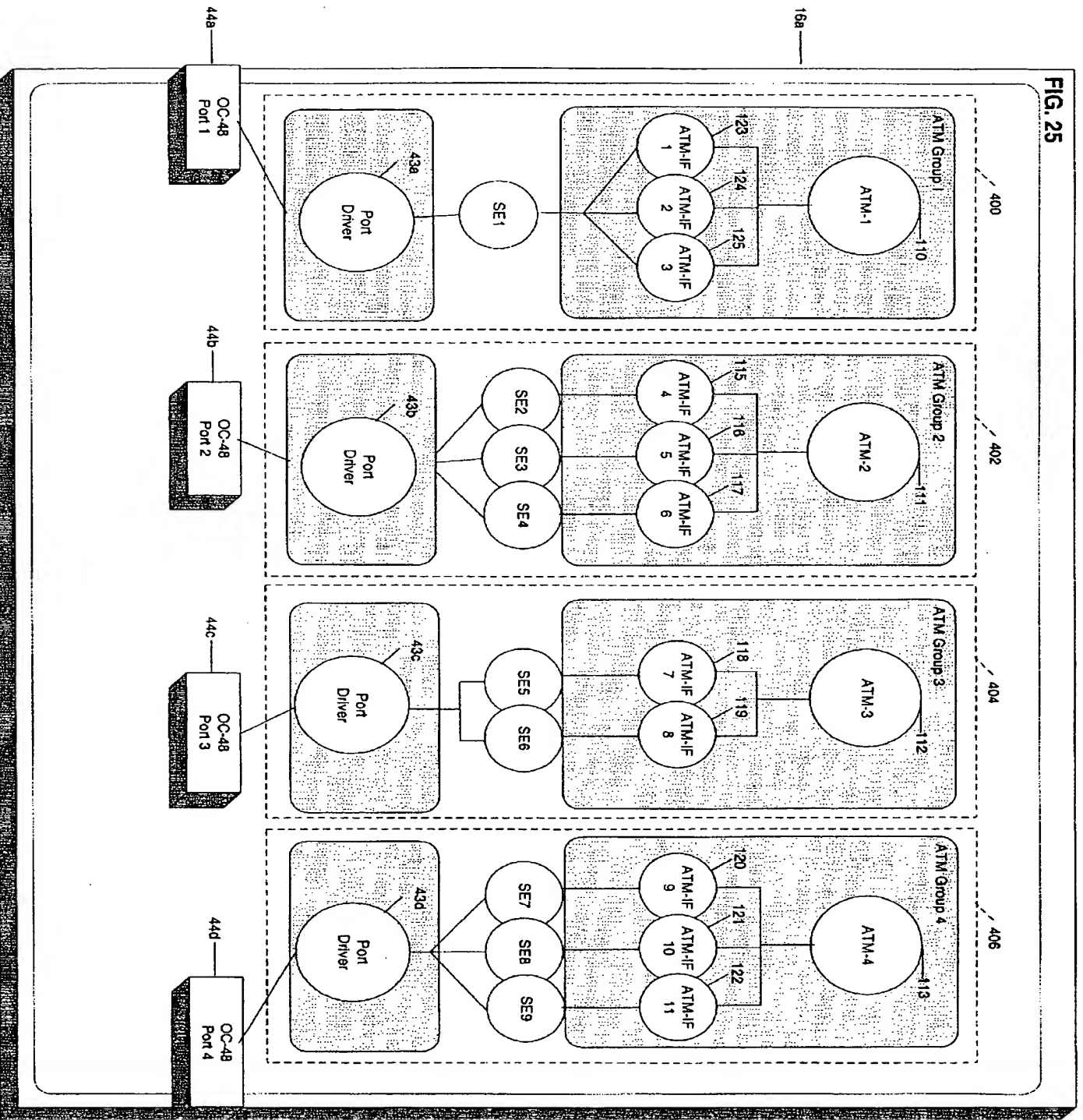


FIG. 26

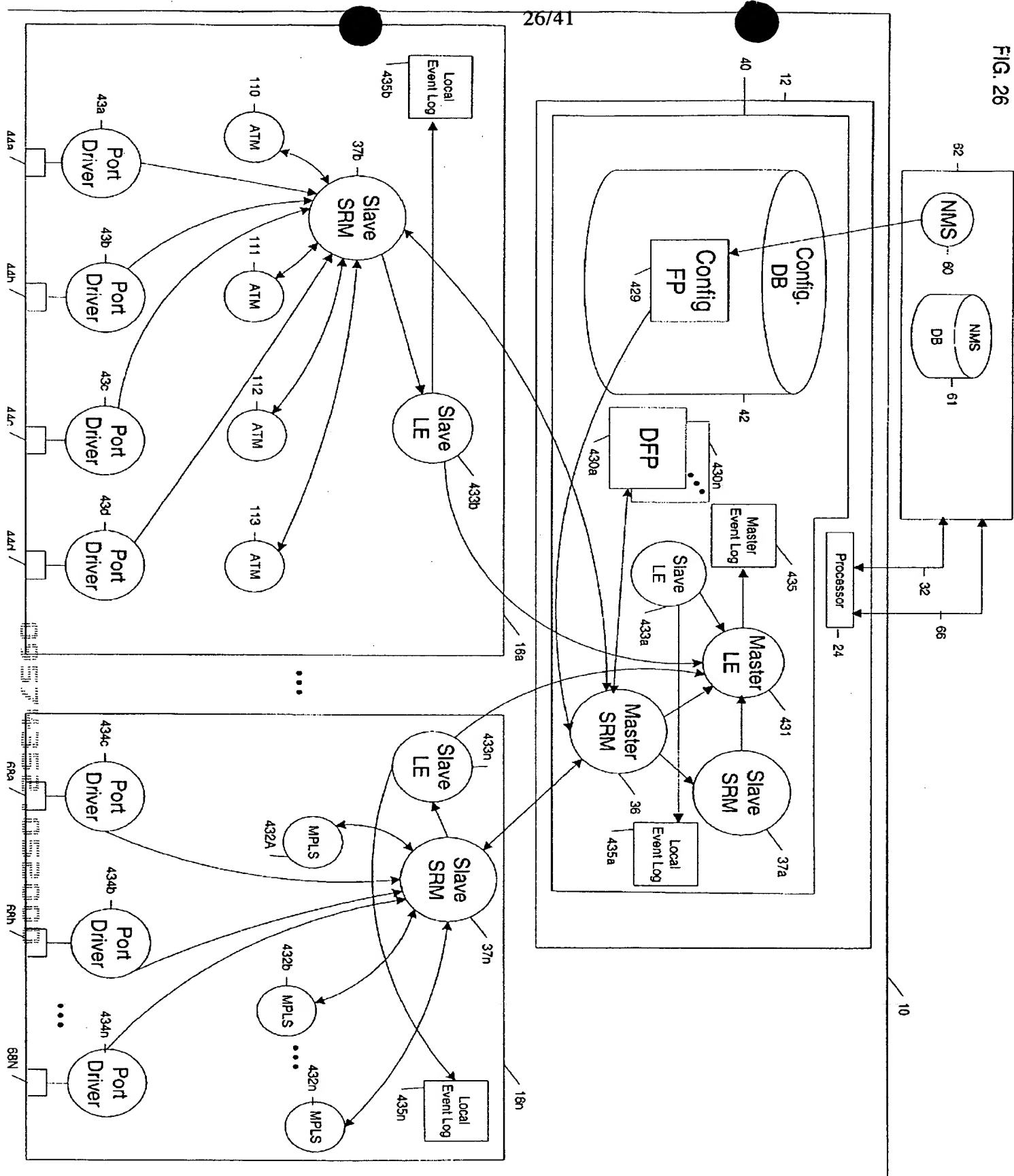


FIG. 27

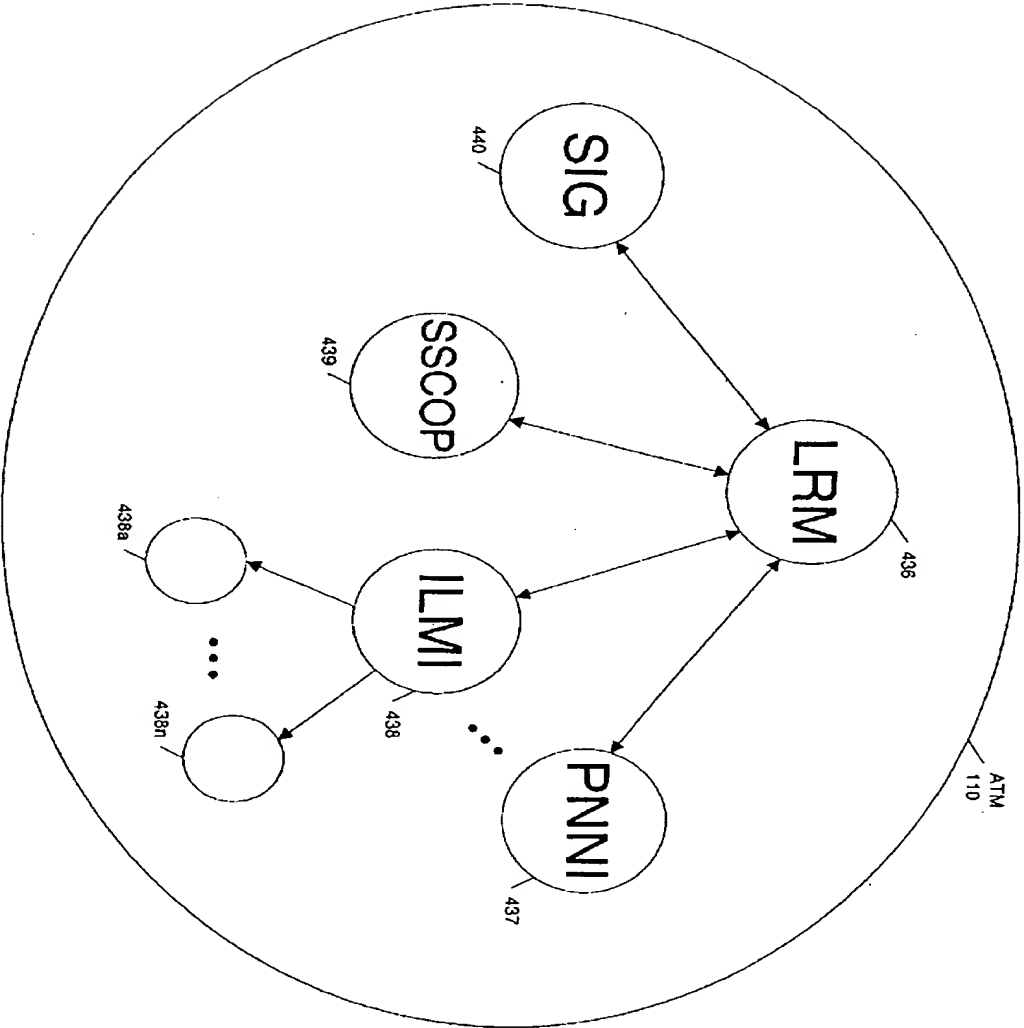


FIG. 28

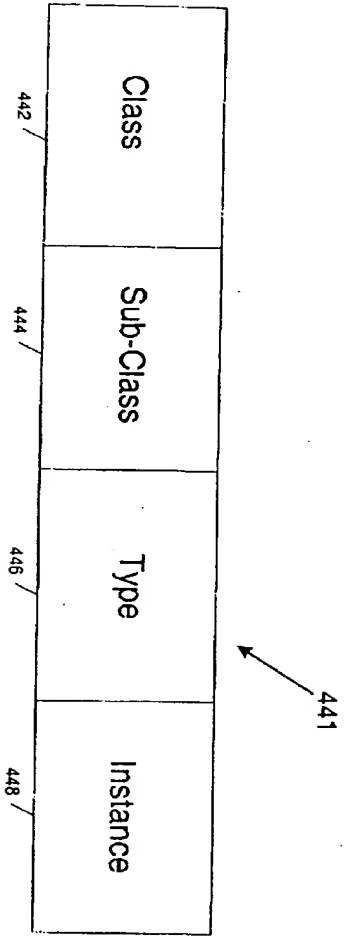


FIG. 29

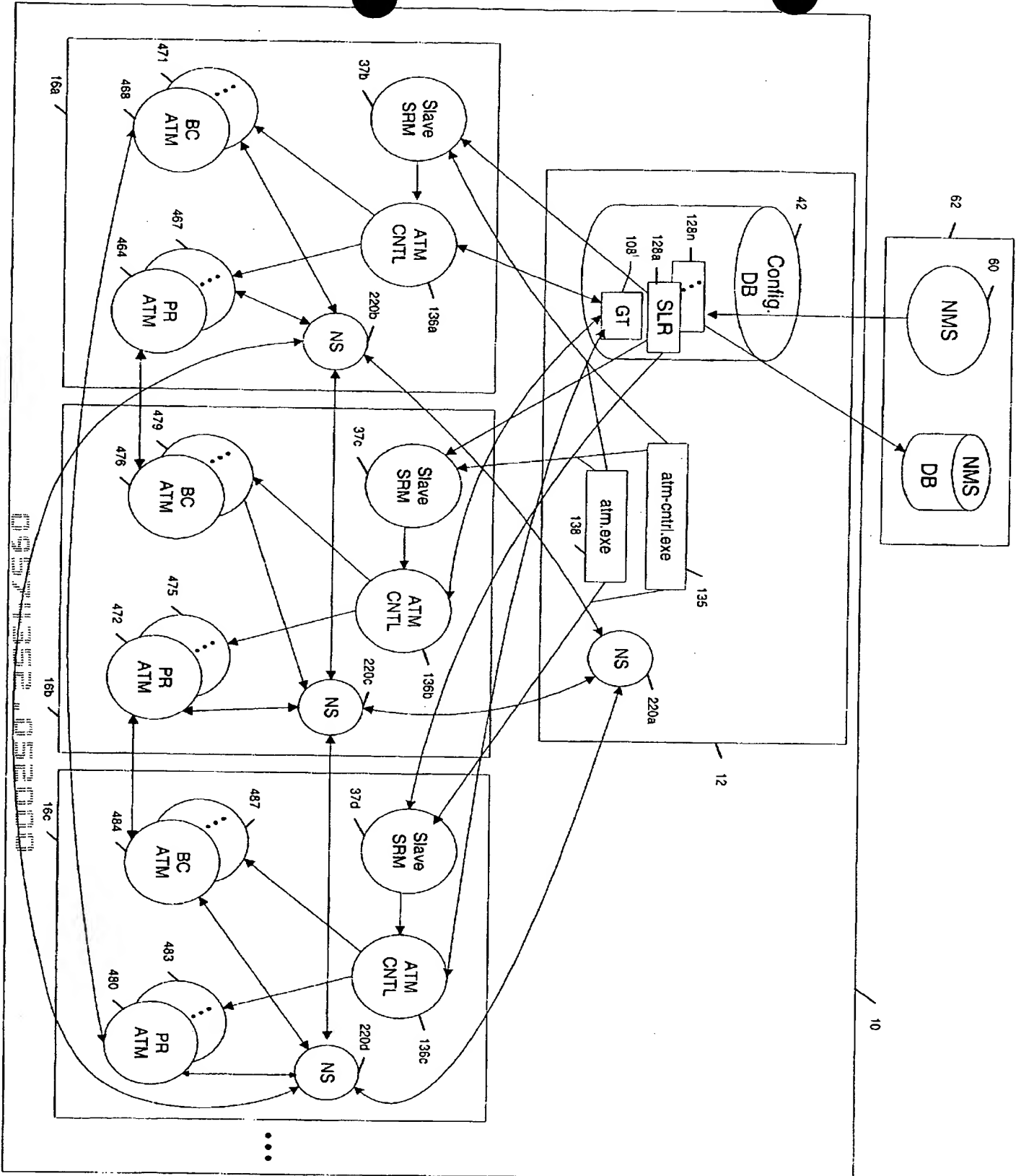


FIG.30

Group Table 108'

	Group #	Primary Card LID	Backup Card LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	⋮	⋮	⋮	⋮

Fig. 31a

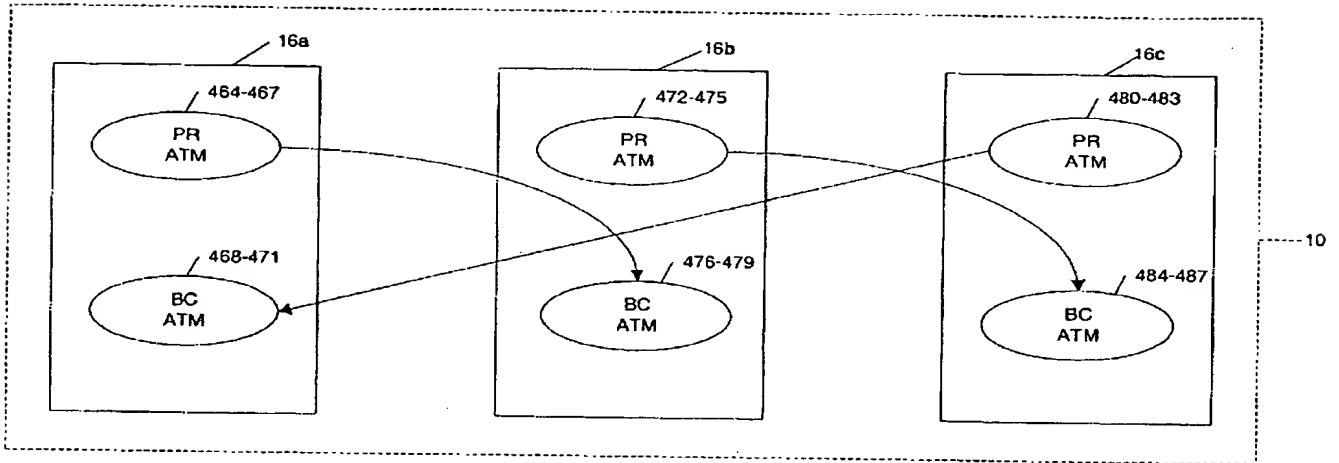


Fig. 31b

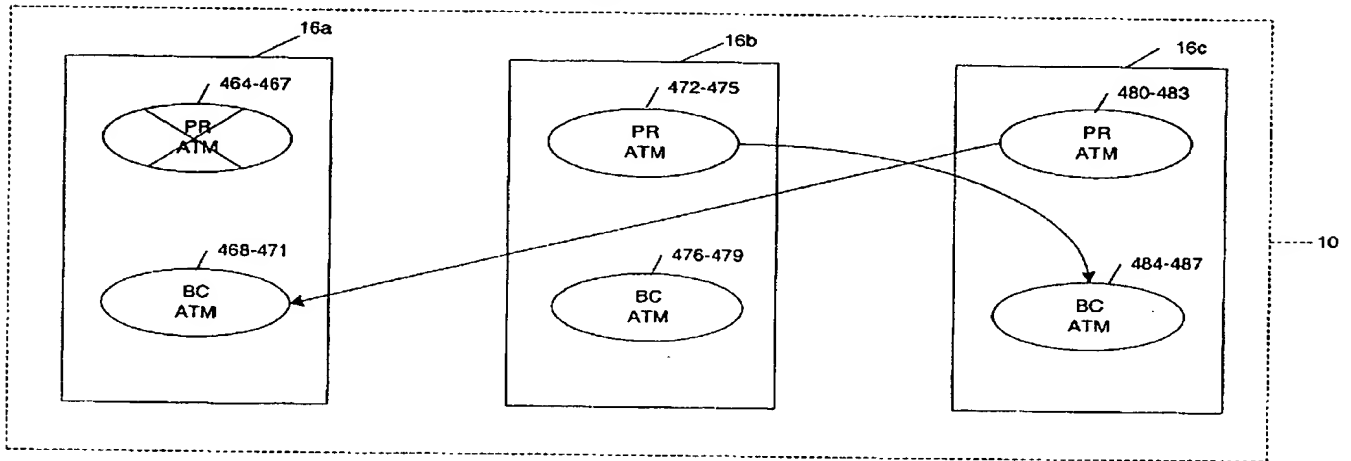


Fig. 31c

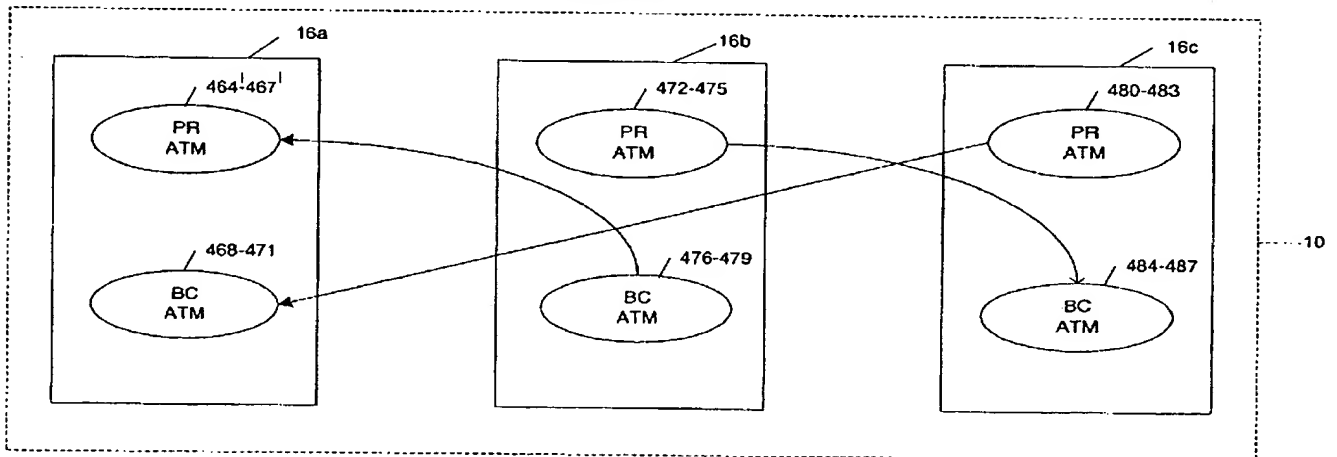


Fig. 32a

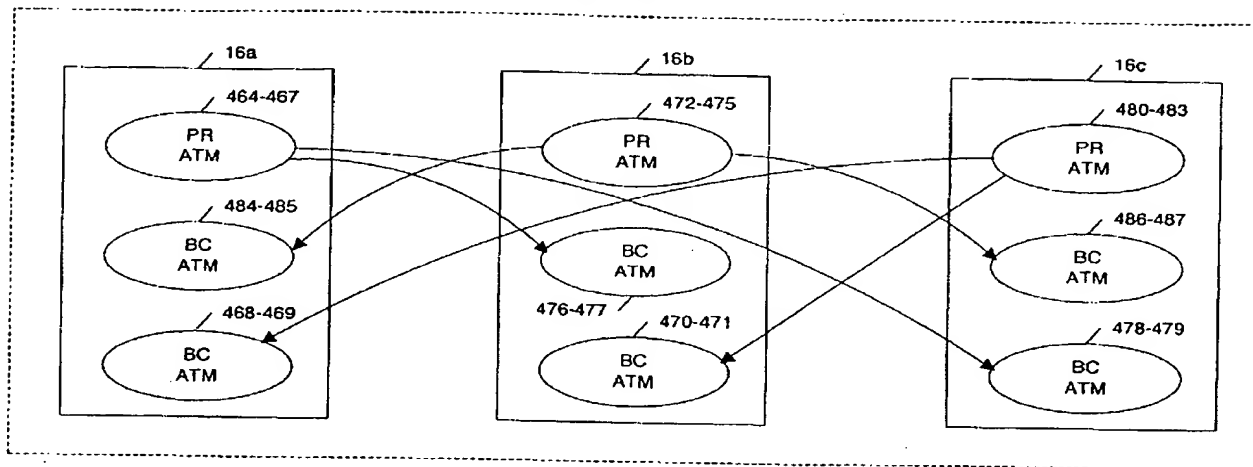


Fig. 32b

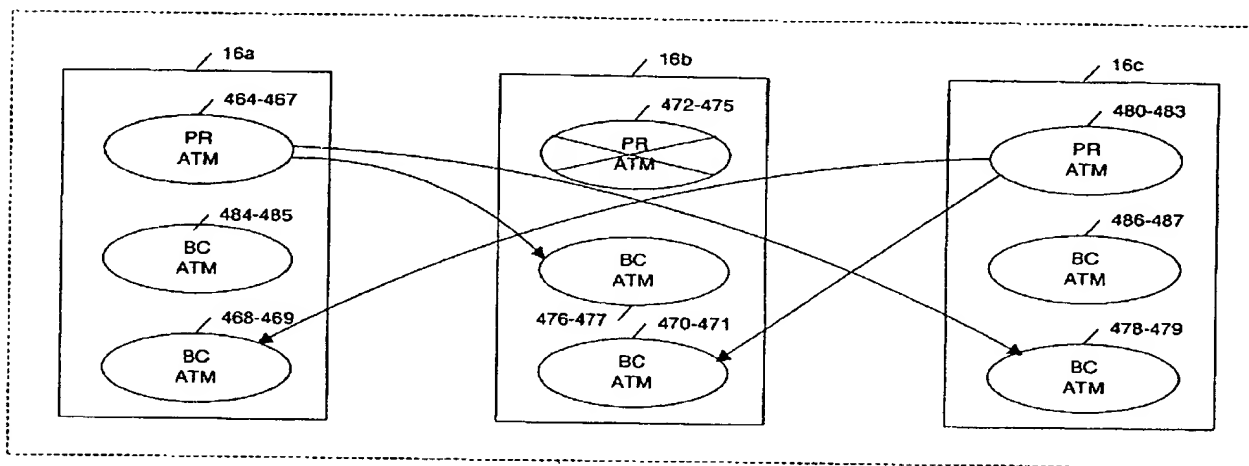


Fig. 32c

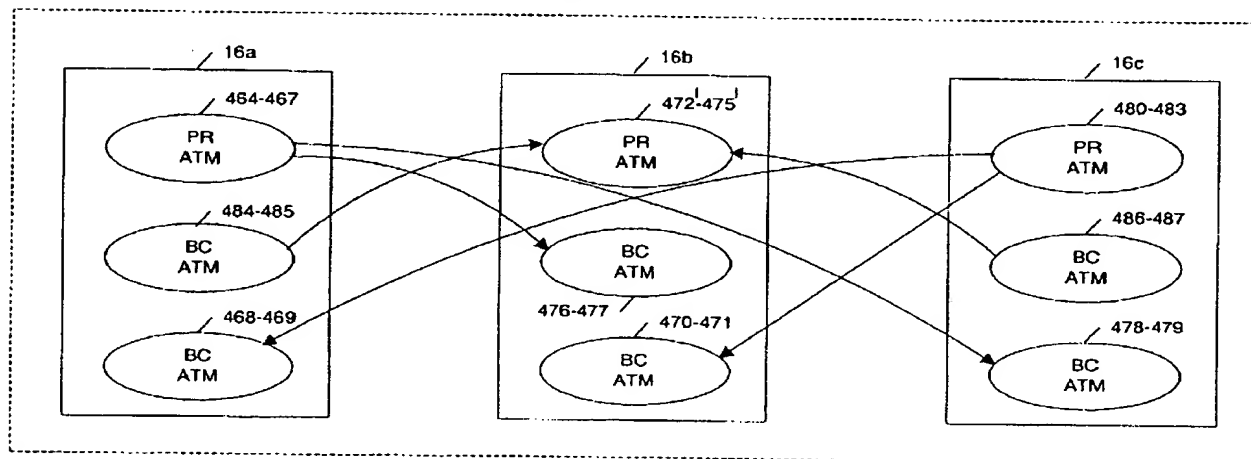




FIG. 33a

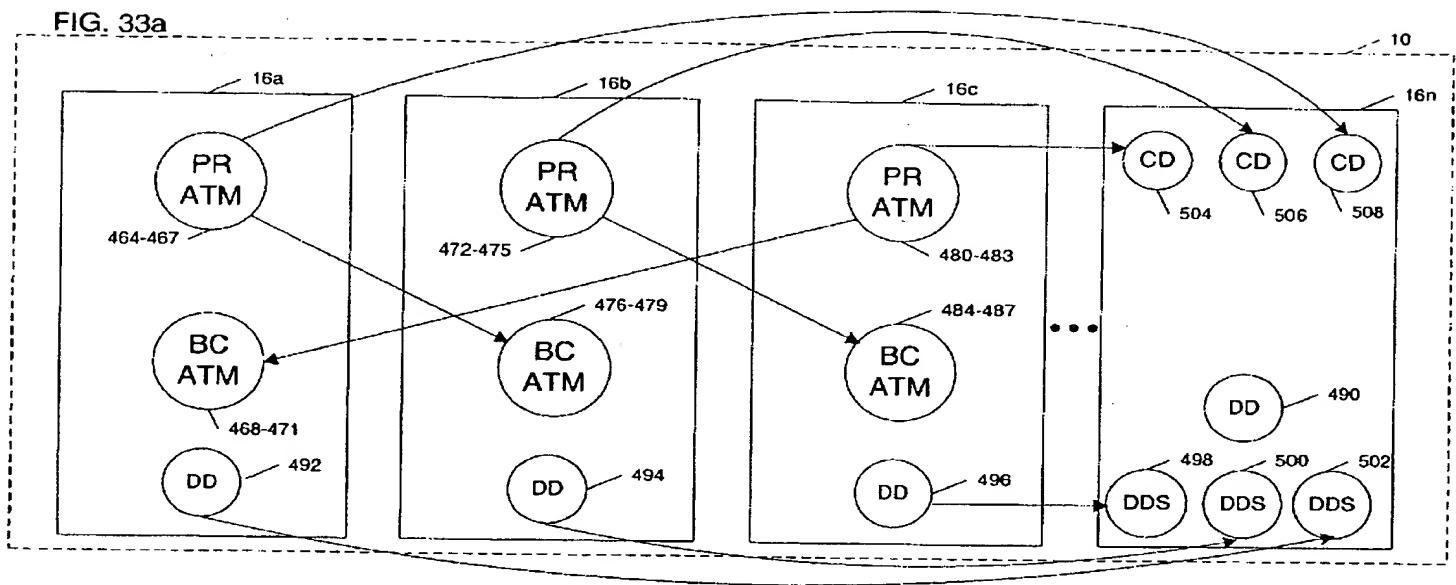


FIG. 33b

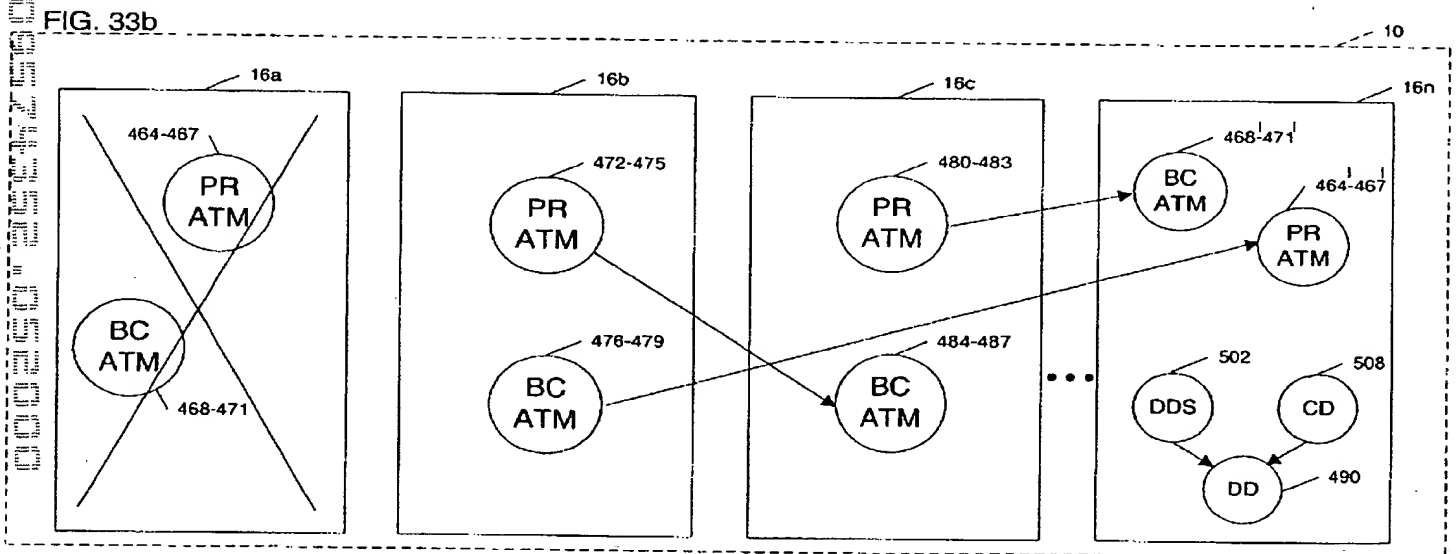


FIG. 33c

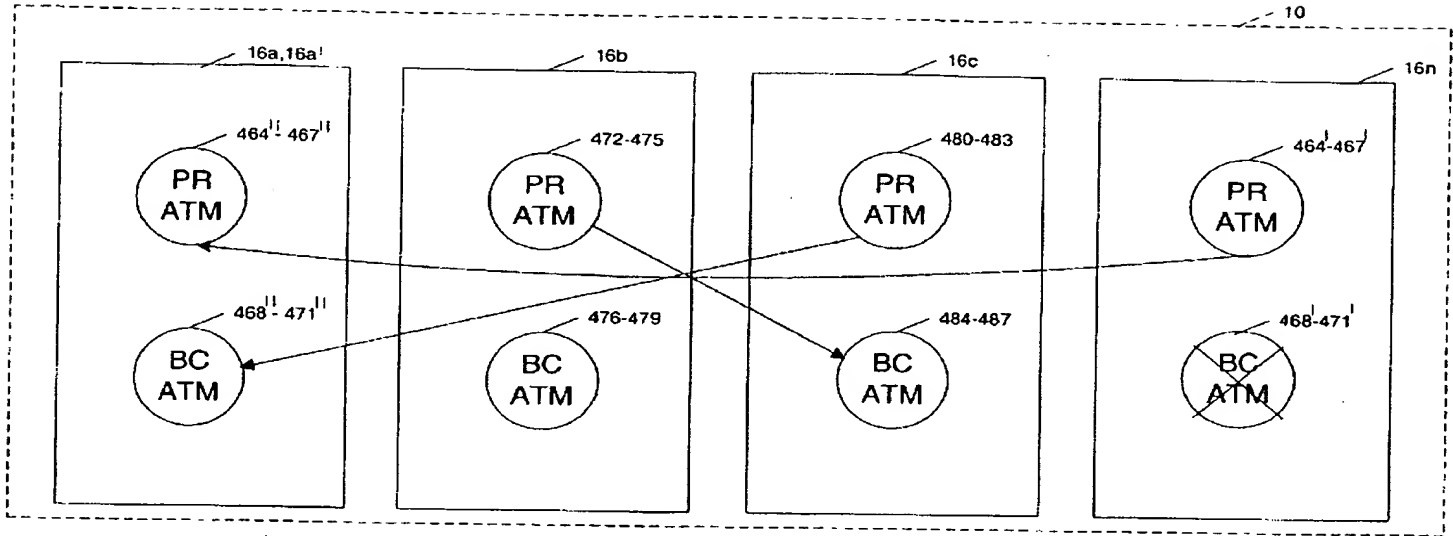


FIG. 33d

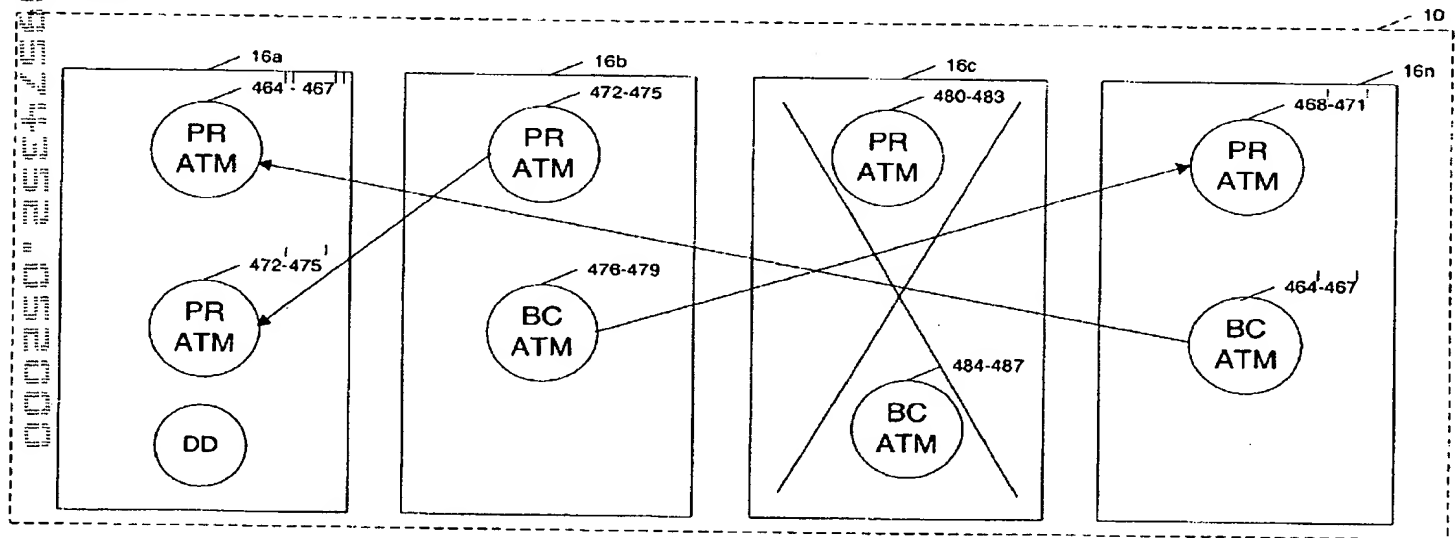


Fig. 34a

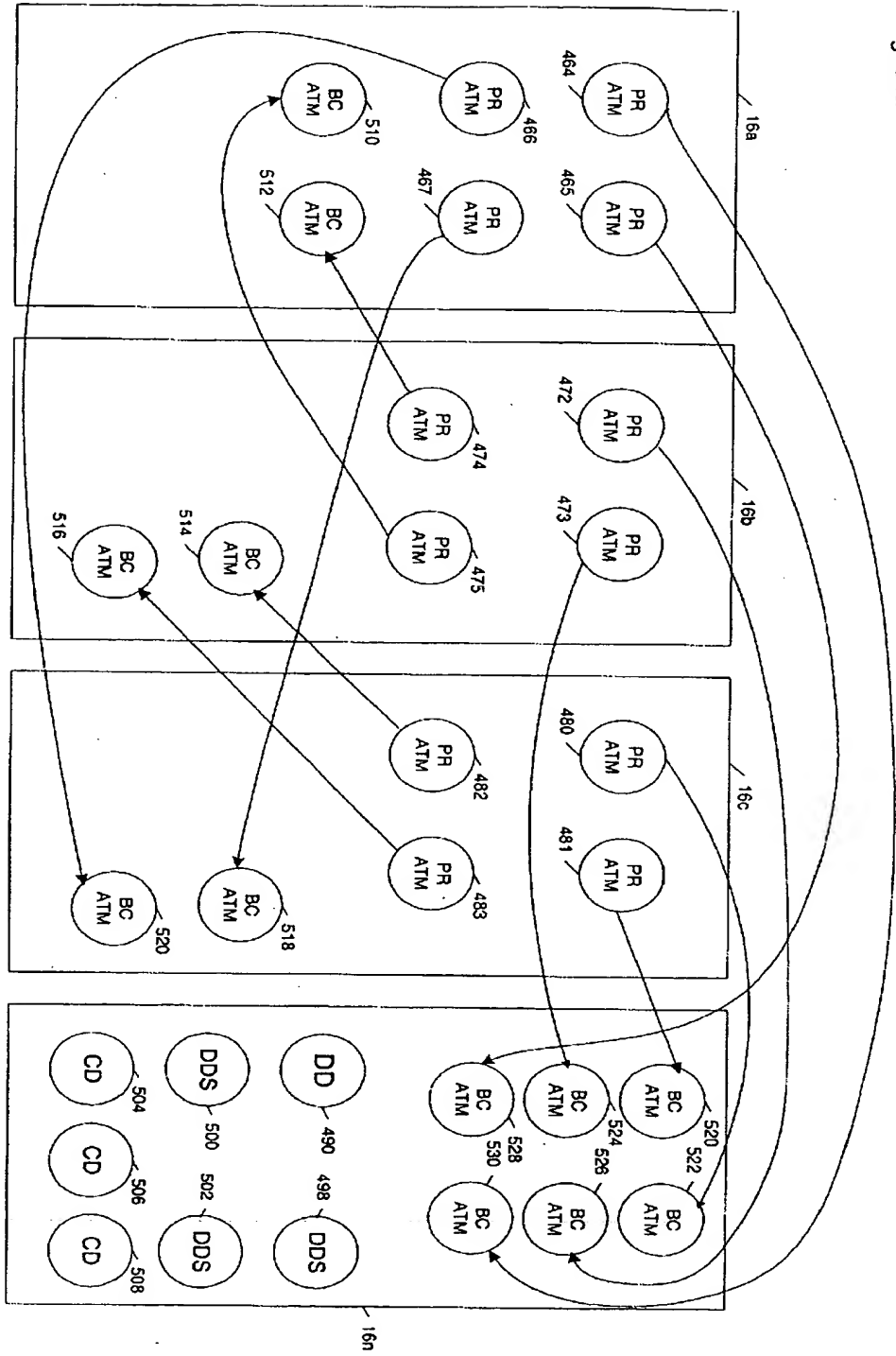


FIG. 34b

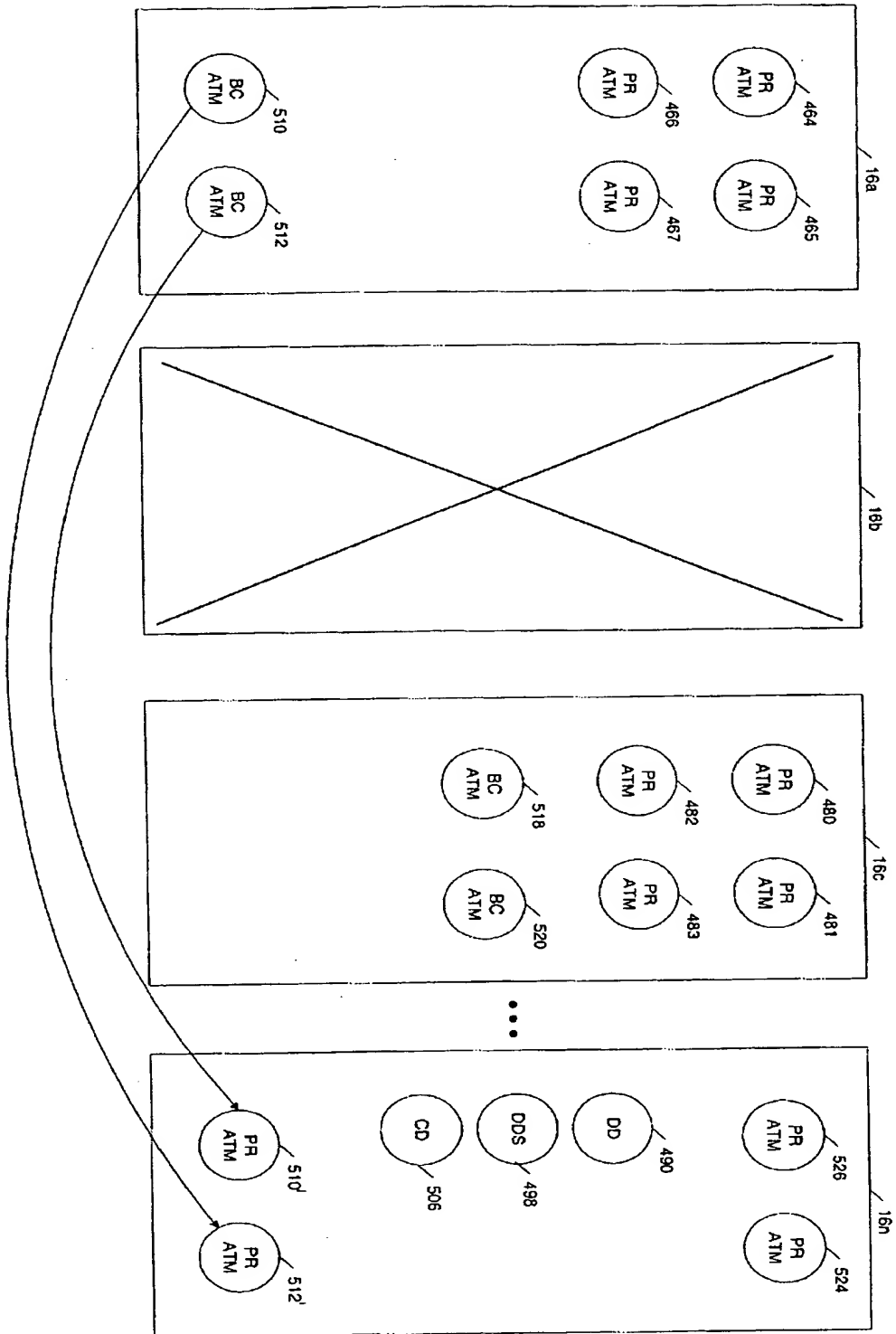


FIG. 35

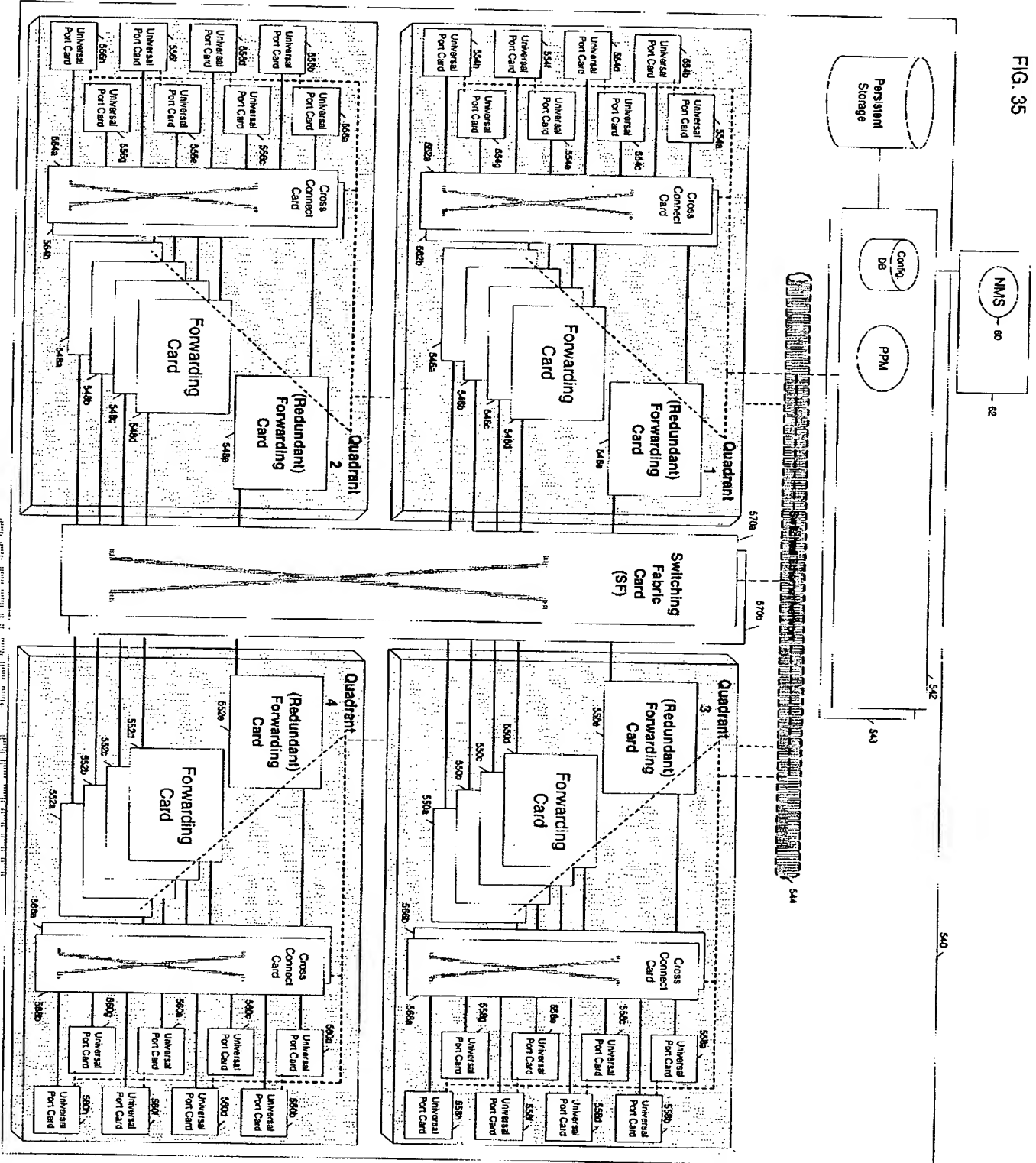
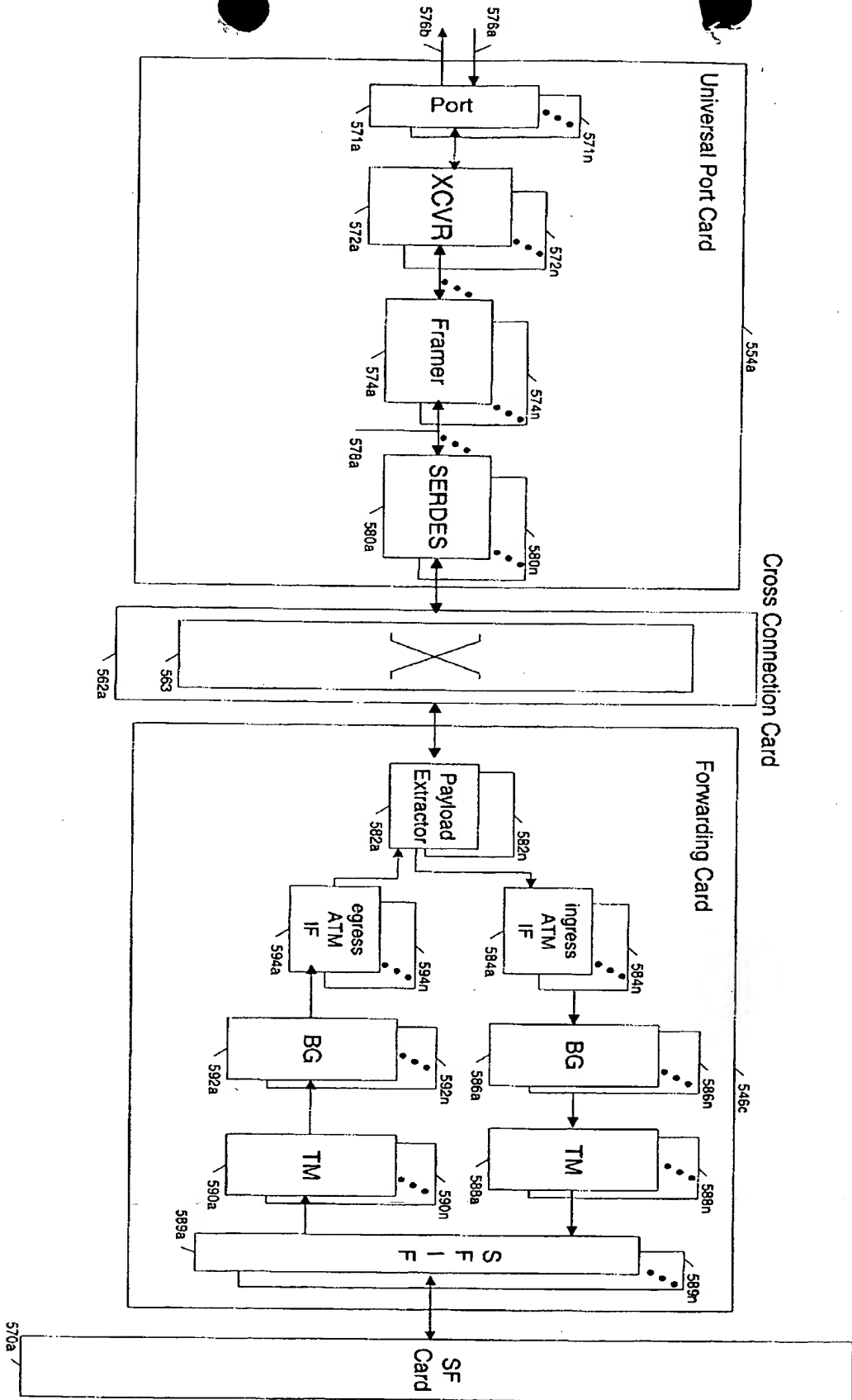


FIG. 36



00574396 000000

FIG. 37

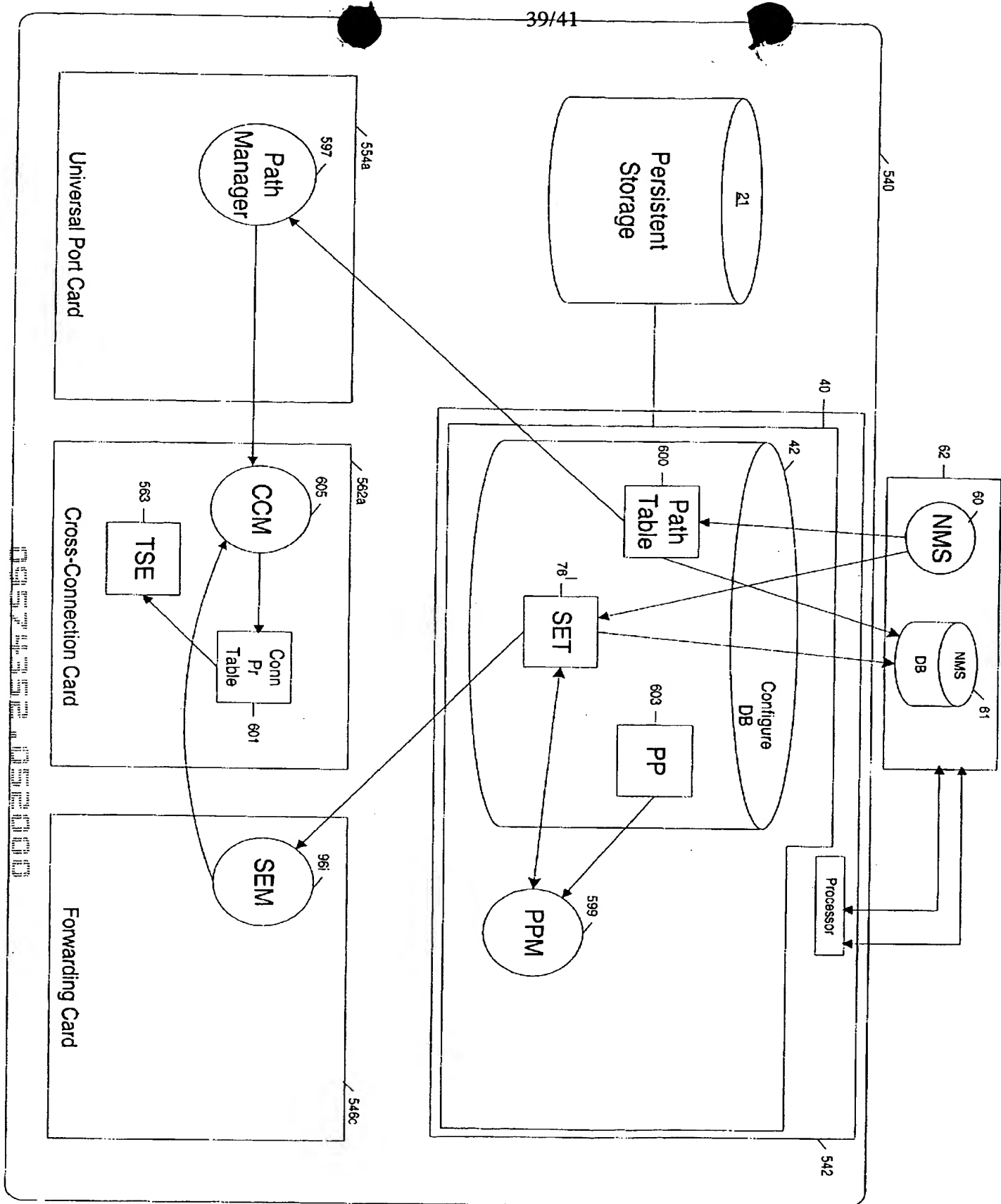


FIG. 38

Path Table 600



Path LID	UP Port LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...	...	...	...	...

602 —

09094330 052000



FIG. 39

Service End Point Table 76'

606							608 610	
SE #	Q #	FC LID	FC Slice	FC Time Slot	Path PID	...		
878	1				1666			
...	...	...	...	...	...	...		

604 —